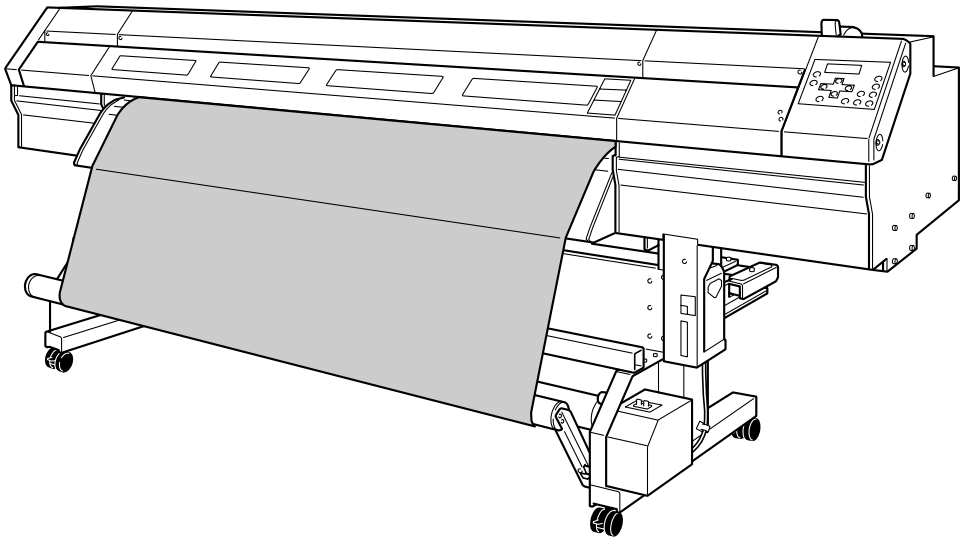
Roland

SOLJET PRO III

XJ-740
XJ-640
XJ-540
Setup Guide



Read this first.

This describes the setup tasks and important conditions about the installation location that must be met in order to enable use of this machine.

Roland DG Corporation

Thank you very much for purchasing this product.

- ➢ To ensure correct and safe usage with a full understanding of this product's performance, please be sure to read through this manual completely and store it in a safe location.
- ➢ Unauthorized copying or transferral, in whole or in part, of this manual is prohibited.
- ➢ The contents of this operation manual and the specifications of this product are subject to change without notice.
- ➢ The operation manual and the product have been prepared and tested as much as possible. If you find any misprint or error, please inform us.
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This document is the setup guide for the XJ-740, the XJ-640, and the XJ-540. Also, most of the figures in this document depict the XJ-740.

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⚠To Ensure Safe Use

Improper handling or operation of this machine may result in injury or damage to property. Points which must be observed to prevent such injury or damage are described as follows.

About ⚠WARNING and ⚠CAUTION Notices

⚠WARNING	Used for instructions intended to alert the user to the risk of death or severe injury should the unit be used improperly.
⚠CAUTION	Used for instructions intended to alert the user to the risk of injury or material damage should the unit be used improperly. * Material damage refers to damage or other adverse effects caused with respect to the home and all its furnishings, as well to domestic animals or pets.

About the Symbols

	The △ symbol alerts the user to important instructions or warnings. The specific meaning of the symbol is determined by the design contained within the triangle. The symbol at left means "danger of electrocution."
	The ⃠ symbol alerts the user to items that must never be carried out (are forbidden). The specific thing that must not be done is indicated by the design contained within the circle. The symbol at left means the unit must never be disassembled.
	The ● symbol alerts the user to things that must be carried out. The specific thing that must be done is indicated by the design contained within the circle. The symbol at left means the power-cord plug must be unplugged from the outlet.

⚠ Incorrect operation may cause injury

⚠WARNING

Be sure to follow the operation procedures described in this documentation. Never allow anyone unfamiliar with the usage or handling of the machine to touch it.
Incorrect usage or handling may lead to an accident.

Keep children away from the machine.
The machine includes areas and components that pose a hazard to children and may result in injury, blindness, choking, or other serious accident.

Never operate the machine while tired or after ingesting alcohol or any medication.
Operation requires unimpaired judgment. Impaired judgment may result in an accident.

Never use the machine for any purpose for which it is not intended, or use the machine in an undue manner that exceeds its capacity.
Doing so may result in injury or fire.

For accessories (optional and consumable items, power cord, and the like), use only genuine articles compatible with this machine.
Incompatible items may lead to an accident.

Before attempting cleaning, maintenance, or attachment or detachment of optional items, disconnect the power cord.
Attempting such operations while the machine is connected to a power source may result in injury or electrical shock.

Never attempt to disassemble, repair, or modify the machine.
Doing so may result in fire, electrical shock, or injury. Entrust repairs to a trained service technician.

⚠CAUTION

Exercise caution to avoid being pinched or becoming caught.
Inadvertent contact with certain areas may cause the hand or fingers to be pinched or become caught. Use care when performing operations.

Never attempt operation while wearing a necktie, necklace, or loose clothing. Bind long hair securely.
Such items may become caught in the machine, resulting in injury.

Conduct operations in a clean, brightly lit location.
Working in a location that is dark or cluttered may lead to an accident, such as becoming caught in the machine as the result of an inadvertent stumble.

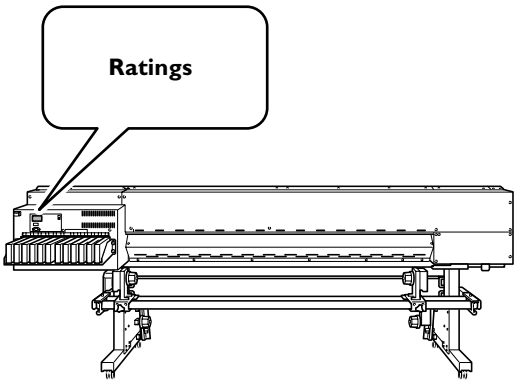
Never climb or lean on the machine.
The machine is not made to support a person. Climbing or leaning on the machine may dislodge components and cause a slip or fall, resulting in injury.

Caution: cutting tool.
This machine has an internal tool. To avoid injury, handle the tool with care.

⚠ Danger of electrical short, shock, electrocution, or fire

⚠WARNING

Connect to an electrical outlet that complies with this machine's ratings (for voltage, frequency, and current).
Incorrect voltage or insufficient current may cause fire or electrical shock.



Never use out of doors or in any location where exposure to water or high humidity may occur. Never touch with wet hands.
Doing so may result in fire or electrical shock.

Never allow any foreign object to get inside. Never expose to liquid spills.
Inserting objects such as coins or matches or allowing beverages to be spilled into the ventilation ports may result in fire or electrical shock. If anything gets inside, immediately disconnect the power cord and contact your authorized Roland DG Corp. dealer.

Never place any flammable object nearby. Never use a combustible aerosol spray nearby. Never use in any location where gases can accumulate.
Combustion or explosion may be a danger.

⚠WARNING

Handle the power cord, plug, and electrical outlet correctly and with care. Never use any article that is damaged.
Using a damaged article may result in fire or electrical shock.

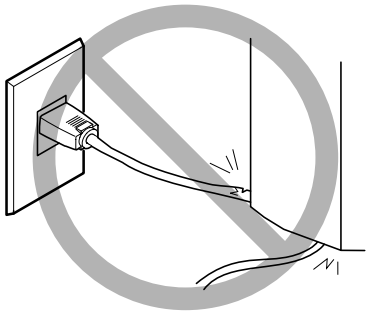
When using an extension cord or power strip, use one that adequately satisfies the machine's ratings (for voltage, frequency, and current).
Use of multiple electrical loads on a single electrical outlet or of a lengthy extension cord may cause fire.

Connect to ground.
This can prevent fire or electrical shock due to current leakage in the event of malfunction.

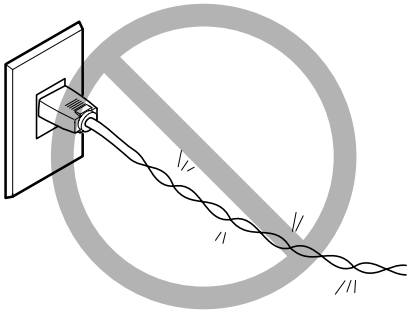
Position so that the power plug is within immediate reach at all times.
This is to enable quick disconnection of the power plug in the event of an emergency. Install the machine next to an electrical outlet. Also, provide enough empty space to allow immediate access to the electrical outlet.

If sparking, smoke, burning odor, unusual sound, or abnormal operation occurs, immediately unplug the power cord. Never use if any component is damaged.
Continuing to use the machine may result in fire, electrical shock, or injury. Contact your authorized Roland DG Corp. dealer.

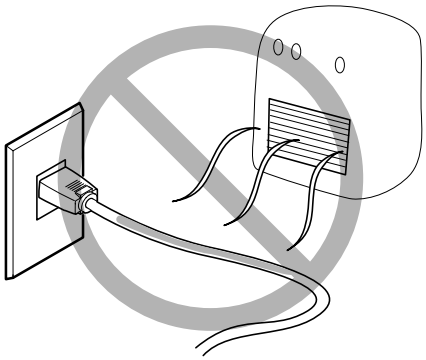
⚠ Important notes about the power cord, plug, and electrical outlet

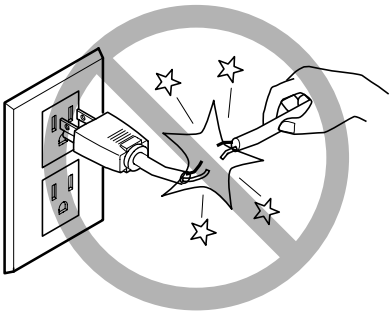


Never place any object on top or subject to damage.

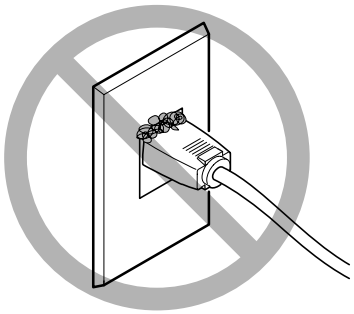


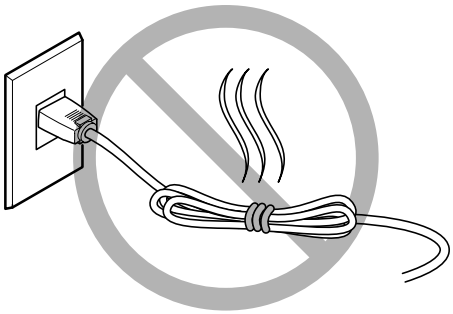
Never bend or twist with undue force.





Never pull with undue force.





Never bundle, bind, or roll up.

⚠ Ink, cleaning fluid, and discharged fluid are flammable and toxic

⚠WARNING

Keep open flame away from the work area.
Ink and discharged fluid are flammable.

Never store ink, cleaning fluid, or discharged fluid in any of the following locations.

- ➢ **Any location exposed to open flame**
- ➢ **Any location where high temperature may occur**
- ➢ **Near bleach or any other such oxidizing agent or explosive material**
- ➢ **Any location within the reach of children**

Fire may be a danger. Accidental ingestion by children may pose a health hazard.

Never place an ink cartridge in fire.
Ink may flow out, catch fire, and spread fire to other nearby objects.

Never drink or sniff ink, cleaning fluid, or discharged fluid, or allow them to come in contact with the eyes or skin.
Doing so may be hazardous to the health.

⚠CAUTION

Ensure adequate ventilation for the work area.
Failing to perform ventilation may result in a health hazard or danger of combustion due to ink fumes.

Never allow an ink cartridge to be subjected to impact, and never attempt to disassemble.
Ink may leak.

⚠ In the event of ingestion or physical distress

- ➢ In the event of contact with the eyes, immediately flush with water for at least 15 minutes. If eye irritation continues, seek treatment by a physician.
- ➢ In the event of contact with skin, immediately wash with soap. If irritation or inflammation occur, seek treatment by a physician.
- ➢ In the event of ingestion, do not induce vomiting, and immediately seek treatment by a physician. Forcibly inducing vomiting may lead to danger of choking.
- ➢ If odor leads to physical distress, move to a well-ventilated location and rest quietly. If dizziness or nausea persists, seek treatment by a physician.

⚠ This machine weighs 250 to 300 kg (550 to 660 lb.). Media weighs 30 to 50 kg (66 to 110 lb.).

⚠WARNING

Install the machine in a location that is level, stable, and able to bear the weight of the machine.
The total weight of the machine may reach 300 kg (660 lb.) (280 kg (616 lb.) for the XJ-640, 250 kg (550 lb.) for the XJ-540) or more. Installation in an unsuitable location may cause a major accident, including tipover, fall, or collapse.

Unloading and emplacement are operations that must be performed by eight persons or more (by six persons or more for the XJ-540).
Tasks that require undue effort when performed by a small number of persons may result in physical injury. Also, if dropped, such items may cause injury.

⚠WARNING

Be sure to lock the stand's casters.
If the machine should begin to topple, a major accident may result, including crushing of the appendages or the body.

When storing roll media, implement adequate safety measures to ensure that the stored media will not roll, fall, or topple over.
Danger exists of becoming pinned under the media and suffering serious injury.

Handling roll media is an operation that must be performed by two persons or more, and care must be taken to prevent falls.
Attempting to lift heavy media in a manner that taxes your strength may cause physical injury.

⚠ Danger of fire, burns, or toxic gas emissions

⚠WARNING

Caution: high temperatures.
Areas such as the dryer become hot. Exercise caution to avoid fire or burns.

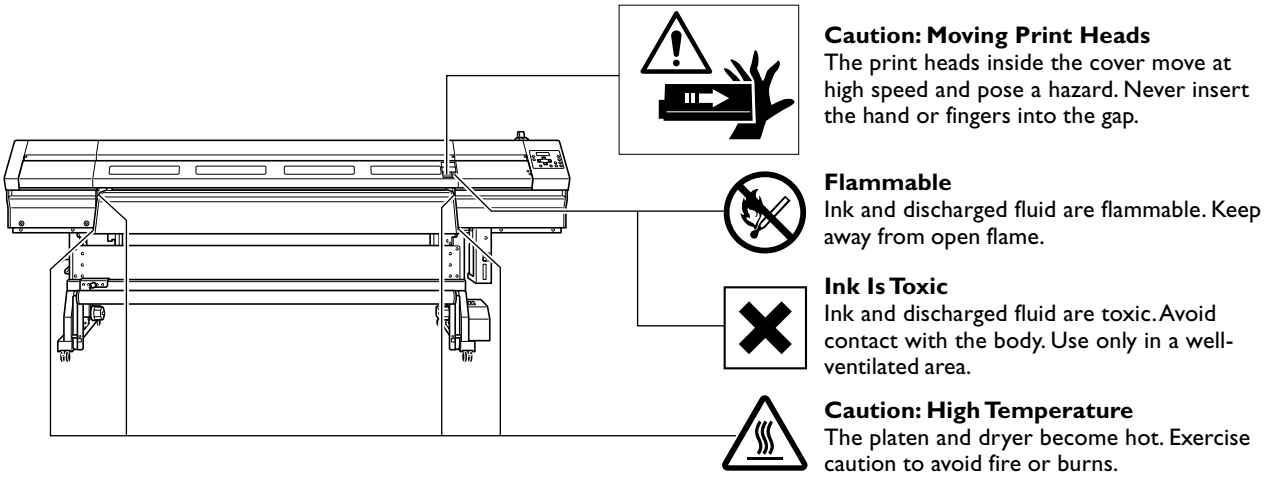
When printing is not being performed, remove any loaded media or switch off the power.
The continued application of heat at a single location may cause the release of toxic gases from the media or pose a fire hazard.

⚠WARNING

Never use media that cannot withstand heat.
Doing so may degrade the media, or may result in fire or the release of toxic gases.

⚠Warning Labels

Warning labels are affixed to make areas of danger immediately clear. The meanings of these labels are as follows. Be sure to heed their warnings.
Also, never remove the labels or allow them to become obscured.

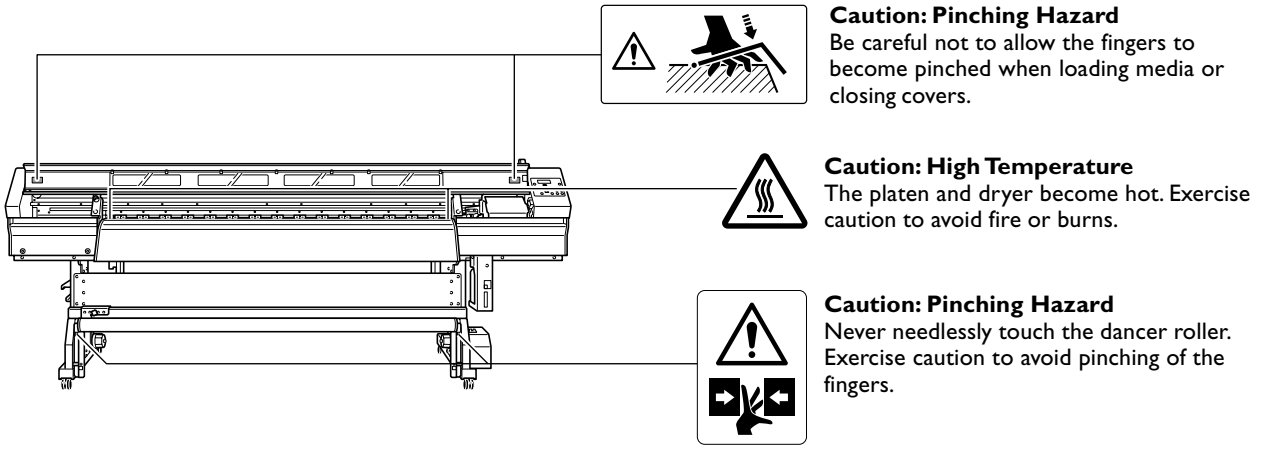


Caution: Moving Print Heads
The print heads inside the cover move at high speed and pose a hazard. Never insert the hand or fingers into the gap.

Flammable
Ink and discharged fluid are flammable. Keep away from open flame.

Ink Is Toxic
Ink and discharged fluid are toxic. Avoid contact with the body. Use only in a well-ventilated area.

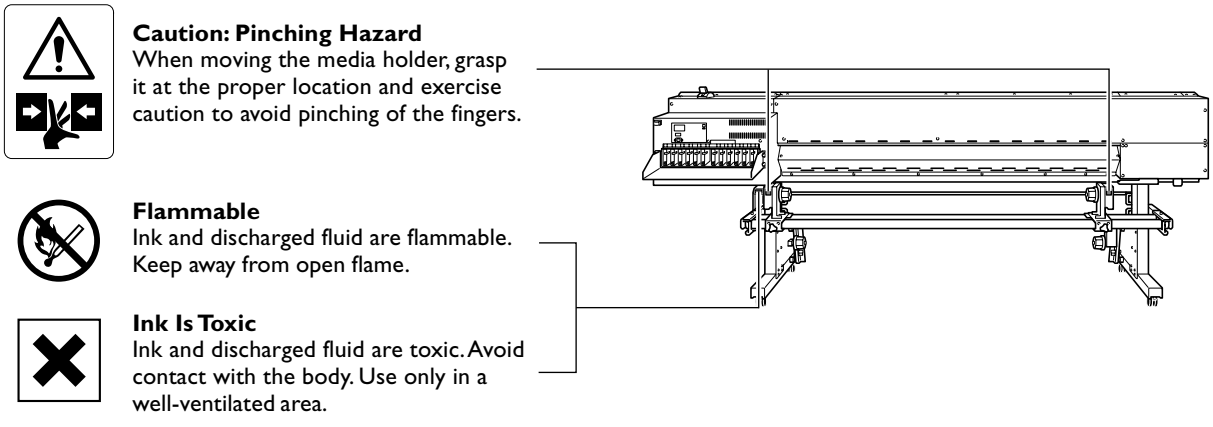
Caution: High Temperature
The platen and dryer become hot. Exercise caution to avoid fire or burns.



Caution: Pinching Hazard
Be careful not to allow the fingers to become pinched when loading media or closing covers.

Caution: High Temperature
The platen and dryer become hot. Exercise caution to avoid fire or burns.

Caution: Pinching Hazard
Never needlessly touch the dancer roller. Exercise caution to avoid pinching of the fingers.



Caution: Pinching Hazard
When moving the media holder, grasp it at the proper location and exercise caution to avoid pinching of the fingers.

Flammable
Ink and discharged fluid are flammable. Keep away from open flame.

Ink Is Toxic
Ink and discharged fluid are toxic. Avoid contact with the body. Use only in a well-ventilated area.

⚠ Pour utiliser en toute sécurité

La manipulation ou l'utilisation inadéquates de cet appareil peuvent causer des blessures ou des dommages matériels. Les précautions à prendre pour prévenir les blessures ou les dommages sont décrites ci-dessous.

Avis sur les avertissements

⚠**ATTENTION**	Utilisé pour avertir l'utilisateur d'un risque de décès ou de blessure grave en cas de mauvaise utilisation de l'appareil.
⚠**PRUDENCE**	Utilisé pour avertir l'utilisateur d'un risque de blessure ou de dommage matériel en cas de mauvaise utilisation de l'appareil. * Par dommage matériel, il est entendu dommage ou tout autre effet indésirable sur la maison, tous les meubles et même les animaux domestiques.

À propos des symboles

	Le symbole △ attire l'attention de l'utilisateur sur les instructions importantes ou les avertissements. Le sens précis du symbole est déterminé par le dessin à l'intérieur du triangle. Le symbole à gauche signifie "danger d'électrocution".
	Le symbole ⃠ avertit l'utilisateur de ce qu'il ne doit pas faire, ce qui est interdit. La chose spécifique à ne pas faire est indiquée par le dessin à l'intérieur du cercle. Le symbole à gauche signifie que l'appareil ne doit jamais être démonté.
	Le symbole ● prévient l'utilisateur sur ce qu'il doit faire. La chose spécifique à faire est indiquée par le dessin à l'intérieur du cercle. Le symbole à gauche signifie que le fil électrique doit être débranché de la prise.

⚠ L'utilisation incorrecte peut causer des blessures

⚠ATTENTION

S'assurer de suivre les procédures d'utilisation décrites dans la documentation. Ne jamais permettre à quiconque ne connaît pas le fonctionnement ou la manutention de l'appareil de le toucher.
L'utilisation ou la manutention incorrectes peuvent causer un accident.

Garder les enfants loin de l'appareil.
L'appareil comporte des zones et des composants qui présentent un danger pour les enfants et qui pourraient causer des blessures, la cécité, la suffocation ou d'autres accidents graves.

Ne jamais faire fonctionner l'appareil après avoir consommé de l'alcool ou des médicaments, ou dans un état de fatigue.
L'utilisation de l'appareil exige un jugement sans faille. L'utilisation avec les facultés affaiblies pourrait entraîner un accident.

Ne jamais utiliser l'appareil à des fins autres que celles pour lesquelles il est conçu. Ne jamais l'utiliser de manière abusive ou d'une manière qui dépasse sa capacité.
Le non-respect de cette consigne peut causer des blessures ou un incendie.

Utiliser uniquement des accessoires d'origine (accessoires en option, articles consommables, câble d'alimentation et autres articles semblables), compatibles avec l'appareil.
Les articles incompatibles risquent de causer des accidents.

Débrancher le câble d'alimentation avant de procéder au nettoyage ou à l'entretien de l'appareil, et avant d'y fixer ou d'en retirer des accessoires en option.
Tenter ces opérations pendant que l'appareil est branché à une source d'alimentation peut causer des blessures ou un choc électrique.

Ne jamais tenter de démonter, de réparer ou de modifier l'appareil.
Le non-respect de cette consigne risque de provoquer un incendie, un choc électrique ou des blessures. Confier les réparations à un technicien ayant la formation requise.

⚠PRUDENCE

Faire preuve de prudence pour éviter l'écrasement ou le coincement.
La main ou les doigts peuvent être écrasés ou coincés s'ils entrent en contact avec certaines surfaces par inadvertance. Faire preuve de prudence pendant l'utilisation de l'appareil.

Ne jamais faire fonctionner l'appareil si on porte une cravate, un collier ou des vêtements amples. Bien attacher les cheveux longs.
Ces vêtements ou ces objets peuvent être coincés dans l'appareil, ce qui causerait des blessures.

Utiliser l'appareil dans un endroit propre et bien éclairé.
Travailler dans un endroit sombre ou encombré peut causer un accident; l'utilisateur risque, par exemple, de trébucher malencontreusement et d'être coincé par une partie de l'appareil.

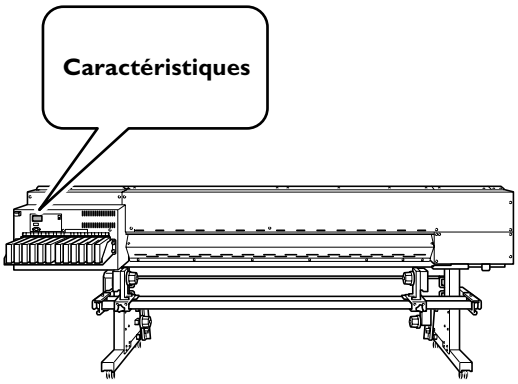
Ne jamais grimper ni s'appuyer sur la machine.
La machine n'est pas conçue pour supporter le poids d'une personne. Grimper ou s'appuyer sur la machine peut déplacer des éléments et causer un faux pas ou une chute, ce qui causerait des blessures.

Attention : outil de coupe.
Cet appareil contient un outil interne. Pour éviter les blessures, manipuler l'outil avec soin.

⚠ Risque de décharge ou de choc électrique, d'électrocution ou d'incendie

⚠ATTENTION

Brancher à une prise électrique conforme aux caractéristiques de cet appareil (tension, fréquence et courant).
Une tension incorrecte ou un courant insuffisant peuvent causer un incendie ou un choc électrique.



Ne jamais utiliser à l'extérieur ni à un endroit où l'appareil risque d'être exposé à de l'eau ou à une humidité élevée. Ne jamais toucher l'appareil avec des mains mouillées.
Le non-respect de cette consigne risque de provoquer un incendie ou un choc électrique.

Ne jamais insérer d'objet étranger dans l'appareil. Ne jamais exposer l'appareil aux déversements de liquides.
L'insertion d'objets comme des pièces de monnaie ou des allumettes, ou le déversement de liquides dans les orifices de ventilation peuvent causer un incendie ou un choc électrique. Si un objet ou du liquide s'infiltre dans l'appareil, débrancher immédiatement le câble d'alimentation et communiquer avec le représentant Roland DG Corp. autorisé.

⚠ATTENTION

Ne jamais placer d'objet inflammable à proximité de l'appareil. Ne jamais utiliser de produit inflammable en aérosol à proximité de l'appareil. Ne jamais utiliser l'appareil dans un endroit où des gaz peuvent s'accumuler.
Une combustion ou une explosion pourraient se produire.

Manipuler le câble d'alimentation, la fiche et la prise électrique correctement et avec soin.
Ne jamais utiliser un article endommagé, car cela pourrait causer un incendie ou un choc électrique.

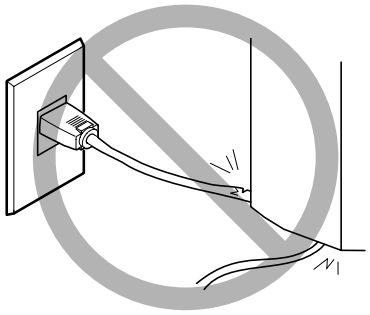
Si une rallonge ou une bande d'alimentation électrique sont utilisées, s'assurer qu'elles correspondent aux caractéristiques de l'appareil (tension, fréquence et courant).
L'utilisation de plusieurs charges électriques sur une prise unique ou une longue rallonge peut causer un incendie.

Mise à la terre.
La mise à la terre peut prévenir un incendie ou un choc électrique dus à une fuite de courant en cas de défaillance.

Placer l'appareil de façon à ce que la fiche soit facile d'accès en tout temps.
Ainsi, l'appareil pourra être débranché rapidement en cas d'urgence. Installer l'appareil près d'une prise électrique. En outre, prévoir suffisamment d'espace pour que la prise électrique soit facile d'accès.

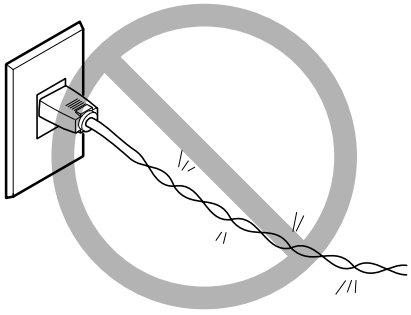
S'il se produit des étincelles, de la fumée, une odeur de brûlé, un bruit inhabituel ou un fonctionnement anormal, débrancher immédiatement le câble d'alimentation. Ne jamais utiliser si un composant est endommagé.
Continuer à utiliser l'appareil peut causer un incendie, un choc électrique ou des blessures. Communiquer avec le représentant Roland DG Corp.Autorisé.

⚠ Remarques importantes à propos du câble d'alimentation, de la fiche et de la prise électrique

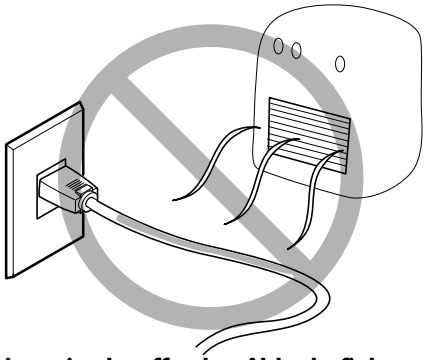


Ne jamais déposer aucun objet sur le câble, sur la fiche ou sur la prise car cela risque de les endommager.

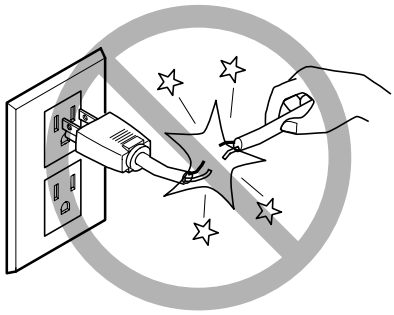
Ne jamais laisser l'eau toucher le câble, la fiche ou la prise.



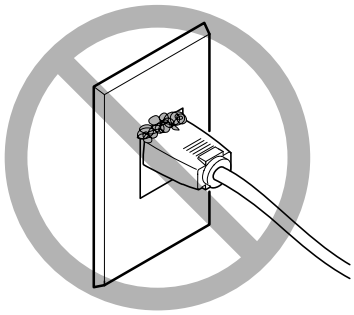
Ne jamais plier ni tordre le câble avec une force excessive.



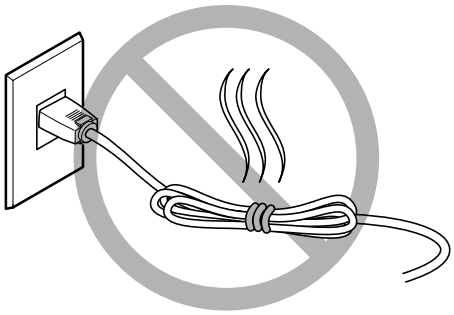
Ne jamais chauffer le câble, la fiche ou la prise.



Ne jamais tirer sur le câble ou la fiche avec une force excessive.



La poussière peut causer un incendie.



Ne jamais plier ni enrouler le câble.

⚠ L'encre, les liquides nettoyants et les liquides usées sont inflammables et toxiques

⚠ATTENTION

Ne pas approcher une flamme nue de l'espace de travail.
L'encre et les liquides usés sont inflammables.

Ne jamais entreposer d'encre, de liquide de nettoyage ou des liquides usés dans les endroits suivants :
- ➢ **un endroit exposé à une flamme nue;**
- ➢ **un endroit où il y a risque de température élevée;**
- ➢ **près d'eau de Javel, d'un autre agent d'oxydation ou de matériel explosif;**
- ➢ **tout endroit à la portée d'enfants.**

Il y a risque d'incendie. L'ingestion accidentelle par un enfant peut présenter un risque pour la santé.

Ne jamais incinérer une cartouche d'encre.
De l'encre pourrait couler, s'enflammer et le feu se répandre à des objets proches.

Ne jamais boire l'encre, le liquide de nettoyage ni les liquides usés, ne pas en respirer les vapeurs et ne pas laisser les produits entrer en contact avec les yeux ou la peau.
Cela est dangereux pour la santé.

⚠PRUDENCE

S'assurer que le lieu de travail est bien aéré.
L'absence d'aération adéquate peut créer une situation dangereuse pour la santé ou un risque de combustion à cause des vapeurs qui émanent de l'encre.

Ne jamais soumettre une cartouche d'encre à des chocs. Ne jamais tenter d'ouvrir une cartouche d'encre.
De l'encre pourrait s'échapper.

⚠ En cas d'ingestion ou de trouble physique

- ➢ En cas de contact avec les yeux : rincer immédiatement et abondamment à l'eau courante pendant au moins 15 minutes. Si les yeux sont toujours irrités, consulter un médecin.
- ➢ En cas de contact avec la peau : laver immédiatement à l'eau et au savon. En cas d'irritation ou d'inflammation de la peau : consulter un médecin.
- ➢ En cas d'ingestion : ne pas provoquer le vomissement et demander immédiatement l'aide d'un médecin. Provoquer le vomissement peut créer un risque de suffocation.
- ➢ Si l'odeur cause un trouble physique, amener la personne dans un endroit bien aéré et la faire se reposer. Si l'étourdissement ou la nausée persistent, consulter un médecin.

⚠ Cet appareil pèse de 250 à 300 kg (550 à 660 lb). Le support pèse de 30 à 50 kg (66 à 110 lb).

⚠ATTENTION

Installer l'appareil à un endroit stable et plat et capable de supporter son poids.
Le poids total de l'appareil peut atteindre 300 kg (660 lb) (280 kg (616 lb) pour le XJ-640, 250 kg (550 lb) ou plus pour le XJ-540). Installer l'appareil à un endroit inapproprié peut provoquer un accident grave comme le renversement, la chute ou l'écrasement.

Le déchargement et le positionnement doivent être faits par au moins huit personnes (au moins six personnes pour le XJ-540).
Les tâches qui exigent un effort trop grand si elles sont exécutées par un petit nombre de personnes peuvent être cause de blessures. La chute d'articles très lourds peut aussi causer des blessures.

⚠ATTENTION

S'assurer de verrouiller les roulettes de la base.
Si l'appareil devait commencer à basculer, il s'ensuivrait un accident grave, par exemple l'écrasement de membres ou du corps.

Prendre les mesures de sécurité adéquates pour l'entreposage des rouleaux de support pour s'assurer qu'ils ne rouleront pas, ne tomberont pas et ne se renverseront pas.
Il y a risque d'être écrasé par le support et de subir des blessures graves.

La manutention du support en rouleau doit être faite par deux personnes ou plus et il faut prendre des précautions pour éviter les chutes.
Tenter de soulever des objets trop lourds peut causer des blessures.

⚠ Risque d'incendie, de brûlures ou d'émissions de gaz toxiq

⚠ATTENTION

Attention : températures élevées.
Les zones comme le séchoir chauffent. Faire preuve de prudence pour éviter un incendie ou des brûlures.

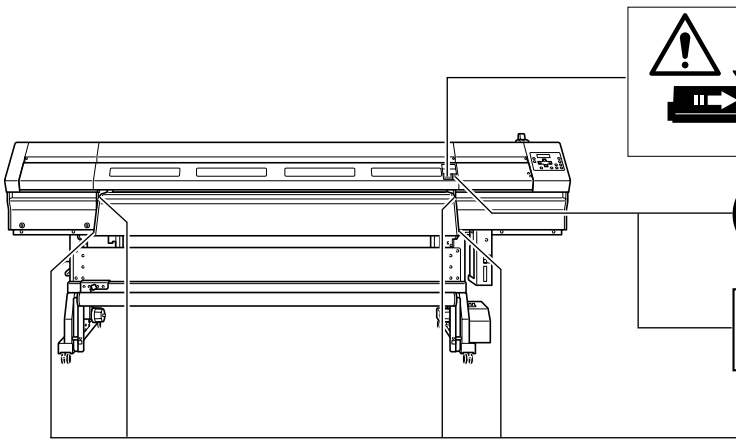
Quand aucun travail d'impression n'est en cours, retirer tout support de l'appareil ou couper l'alimentation électrique.
L'application continue de chaleur à un point unique peut causer l'émission de gaz toxiques ou créer un risque d'incendie.

⚠ATTENTION

Ne jamais utiliser un support qui ne peut pas supporter la chaleur.
L'utilisation d'un support qui ne supporte pas la chaleur peut détériorer le support, créer un risque d'incendie ou causer l'émission de gaz toxiques.

⚠ Vignettes d'avertissement

Des vignettes d'avertissement sont apposées pour qu'il soit facile de repérer les zones dangereuses. La signification des vignettes est donnée ci-dessous. Respecter les avertissements. Ne jamais retirer les vignettes et ne pas les laisser s'encrasser.

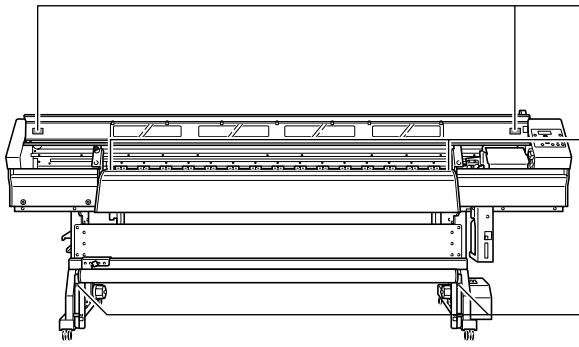


Attention :Têtes d'impression mobiles
Les têtes d'impression sous le couvercle se déplacent à haute vitesse et représentent un danger. Ne jamais insérer la main ou les doigts dans l'ouverture.

Inflammable
L'encre et les liquides usés sont inflammables. Les garder loin de toute flamme nue.

L'encre est toxique
L'encre et les liquides usés sont toxiques. Éviter tout contact avec le corps. Utiliser uniquement dans un endroit bien aéré.

Attention : Risque de pincement
Faire attention de ne pas coincer les doigts pendant le chargement du support ou lors de la fermeture du couvercle.



Attention : Risque de pincement
Faire attention de ne pas coincer les doigts pendant le chargement du support ou lors de la fermeture du couvercle.

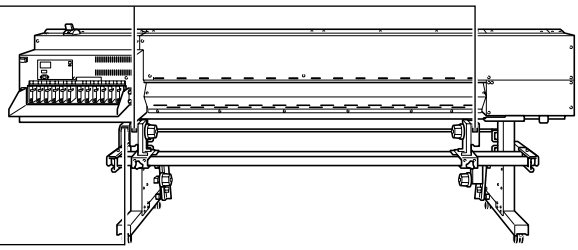
Attention :Température élevée
La platine et la surface de séchage chauffent. Être prudent pour éviter un incendie ou des brûlures.

Attention : Risque de pincement
Ne jamais toucher inutilement le rouleau compensateur. Faire attention pour éviter de coincer les doigts.

Attention : Risque de pincement
Pour déplacer le porte-support, le prendre à l'endroit désigné et faire attention pour éviter de coincer les doigts.

Inflammable
L'encre et les liquides usés sont inflammables. Les garder loin de toute flamme nue.

L'encre est toxique
L'encre et les liquides usés sont toxiques. Éviter tout contact avec le corps. Utiliser uniquement dans un endroit bien aéré.



Setup Guide

1. Installation Environment

Deciding On an Installation Site

Install in a quiet, stable location offering good operating conditions. An unsuitable location can cause accident, fire, faulty operation, or breakdown.

⚠WARNING **Install the machine in a location that is level, stable, and able to bear the weight of the machine.**
The total weight of the machine may reach 300 kg (660 lb.) (280 kg (616 lb.) for the XJ-640, 250 kg (550 lb.) for the XJ-540) or more. Installation in an unsuitable location may cause a major accident, including tipover, fall, or collapse.

⚠WARNING **Never install out of doors or in any location where exposure to water or high humidity may occur.**
Current leakage may cause electrical shock, electrocution, or combustion and fire.

⚠WARNING **Never install close to any flammable object or in a gas-filled location.**
Combustion or explosion may be a danger.

⚠WARNING **Install in a clean, brightly lit location.**
Conduct operations in a clean, brightly lit location. Working in a location that is dark or cluttered may lead to an accident, such as becoming caught in the machine as the result of an inadvertent stumble.

⚠WARNING **Position so that the power plug is within immediate reach at all times.**
This is to enable quick disconnection of the power plug in the event of an emergency. Install the machine next to an electrical outlet. Also, provide enough empty space to allow immediate access to the electrical outlet.

⚠CAUTION **Ensure adequate ventilation for the work area.**
Failing to perform ventilation may result in a health hazard or danger of combustion due to ink fumes.

Unsuitable Installation Sites

- ➢Locations subject to large fluctuations in temperature or humidity
- ➢Locations subject to shaking or vibration
- ➢Locations where the floor is tilted, not level, or unstable
- ➢Dusty locations
- ➢Locations exposed to direct sunlight or near air-conditioning or heating equipment
- ➢Locations exposed to water or moving air
- ➢Locations exposed to considerable electrical or magnetic noise, or other forms of electromagnetic energy

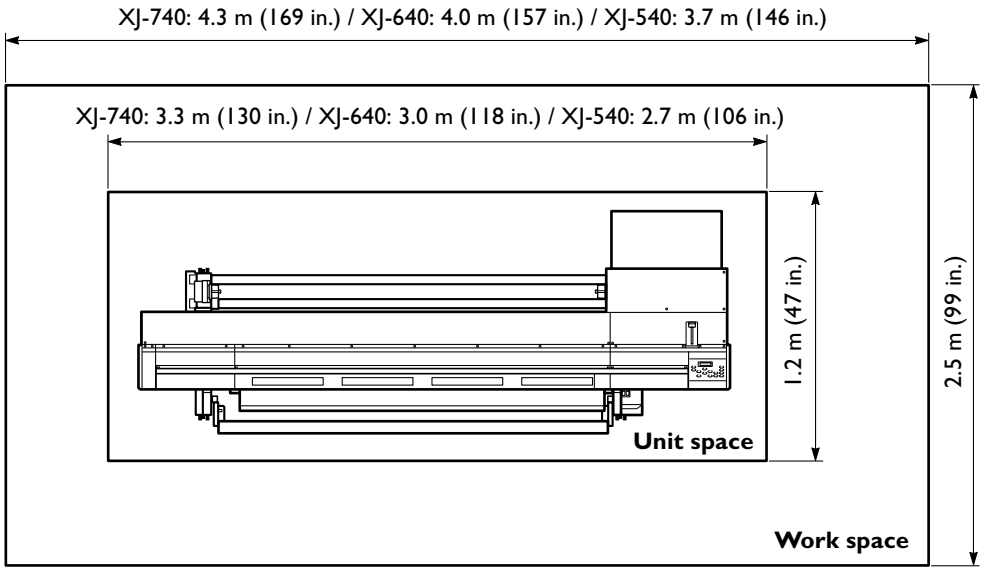
Temperature and Humidity

Maintain the specified temperature and humidity even when the machine is not in use. Temperatures that are too high may degrade the ink and cause malfunction. Temperatures that are too low may cause the ink to freeze and damage the heads.

During operation : Temperature 20 to 32˚C (68 to 90˚F), relative humidity 35 to 80% (no condensation)
During non-operation : Temperature 5 to 40˚C (41 to 104˚F), relative humidity 20 to 80% (no condensation)

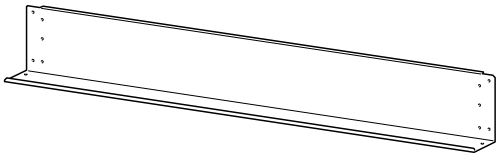
Installation Space

The space shown in the figure is required in order to use this machine.

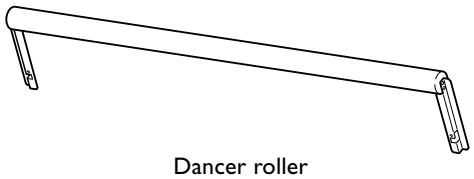


2. Included Items

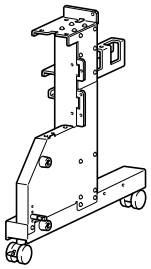
The following items are included with the machine. Make sure they are all present and accounted for.



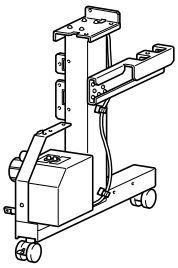
Stay



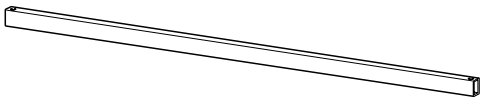
Dancer roller



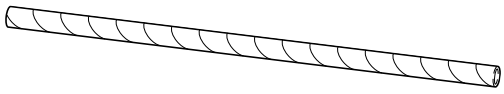
Stand leg (Left)



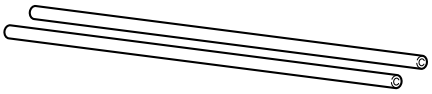
Stand leg (Right)



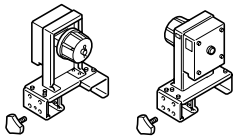
Rail slider



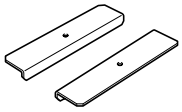
Paper pipe



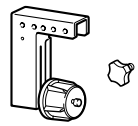
Shafts



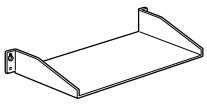
Media holders and retaining screws



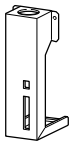
Shaft clamps



Arm and arm retaining screw

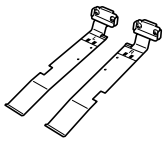


Ink-cartridge tray

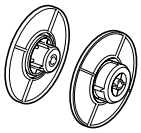


Bottle stand

Drain bottles

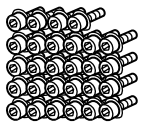


Media clamps



Media flanges

Power cord

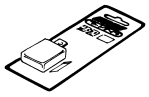


Bolts

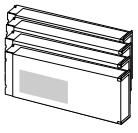
Washers

Hexagonal wrench

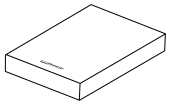
Cap-unit tool



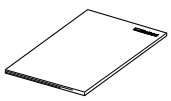
Replacement blades for separating knife



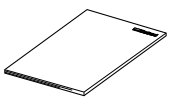
SOL INK cleaning cartridges



Software RIP



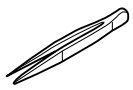
User's Manual



Setup guide (This document)

Cleaning sticks

Replacement wipers



Tweezers

Cleaning kit

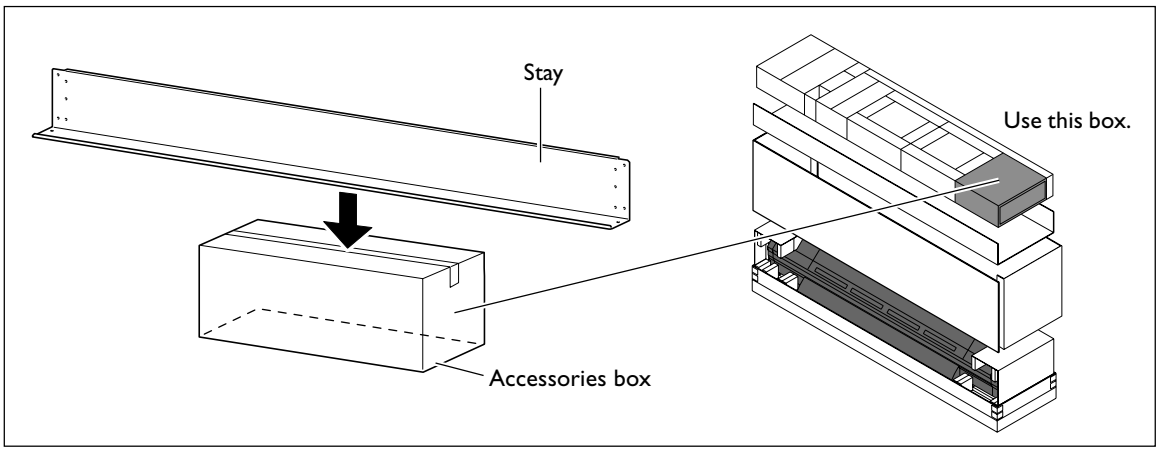
3. Assembling and Installing

Step 1: Assemble the Stand

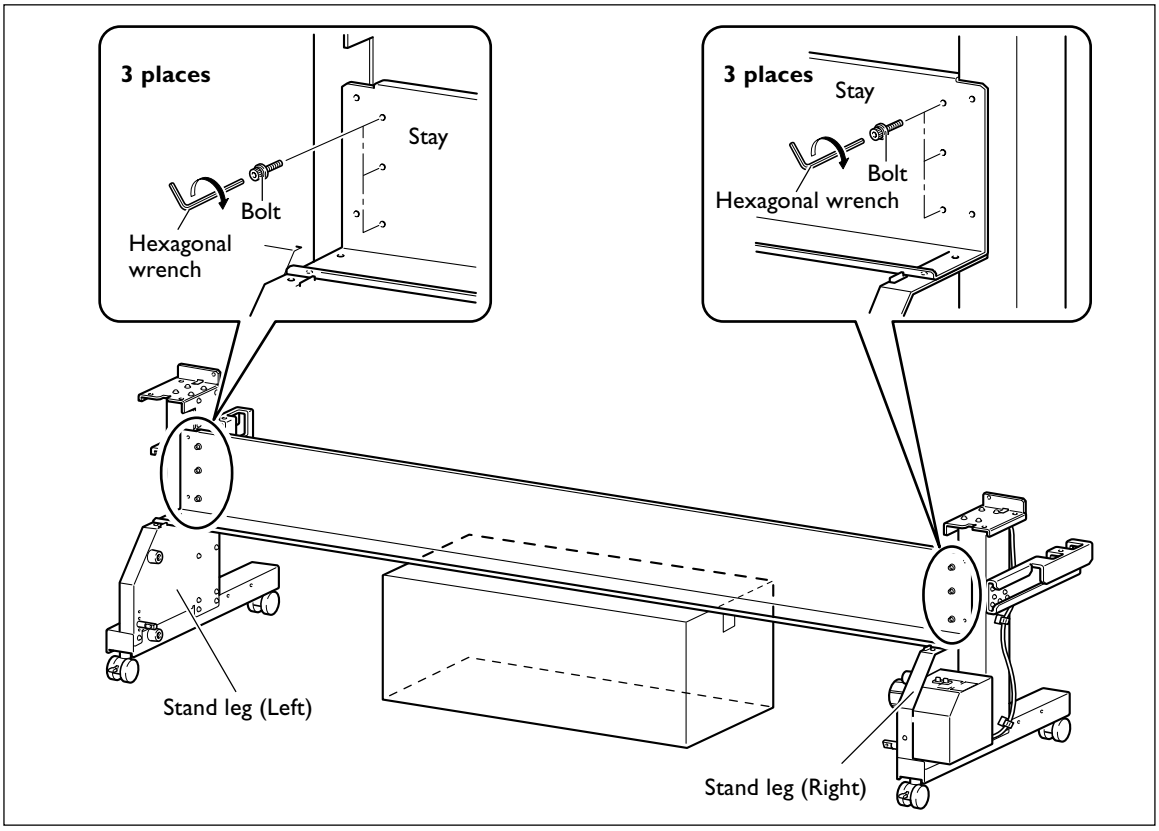
⚠WARNING **Unpacking and installation must be carried out by eight or more persons (by six or more persons for the XJ-540).**
Otherwise the machine or the stand may fall, resulting in injury.

1. Attach the stand legs to the stay.

❶ Place the stay on the accessories box.



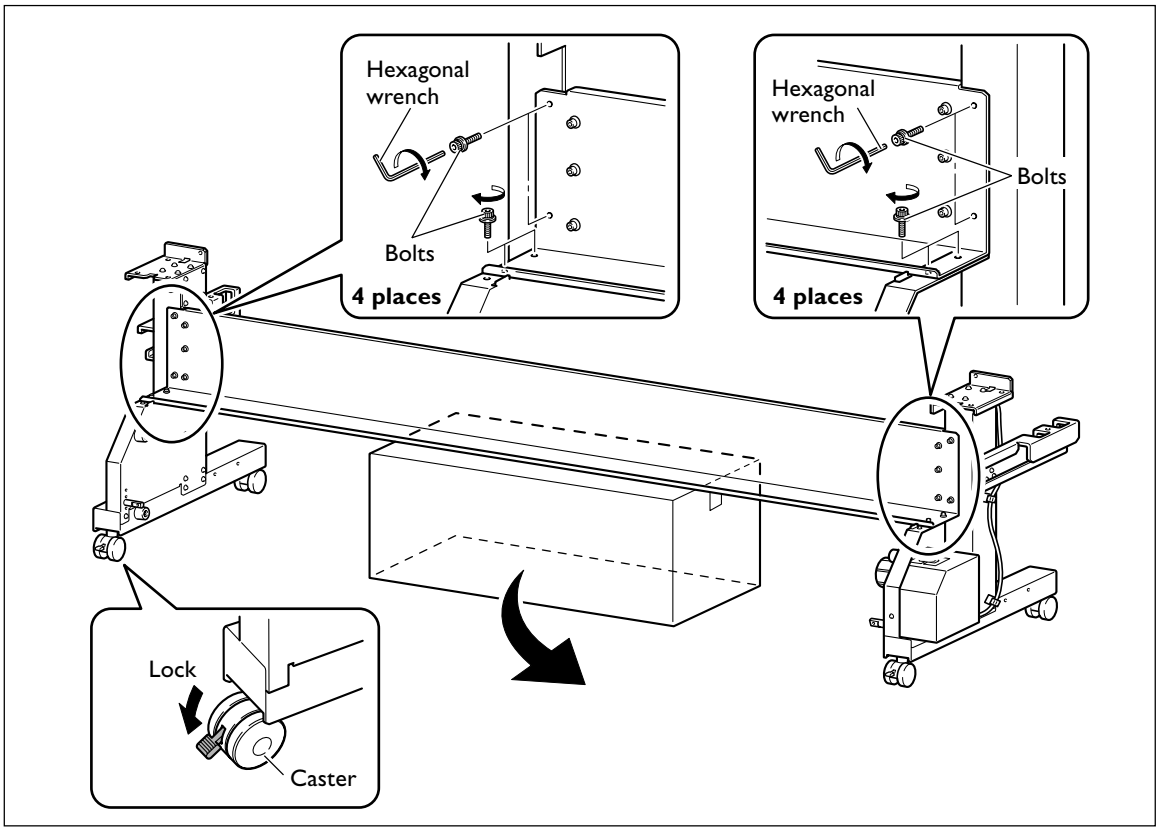
❷ Attach the left and right stand legs to the stay.
Loosely tighten the locations shown in the figure.



❸ Tighten the remaining bolts.

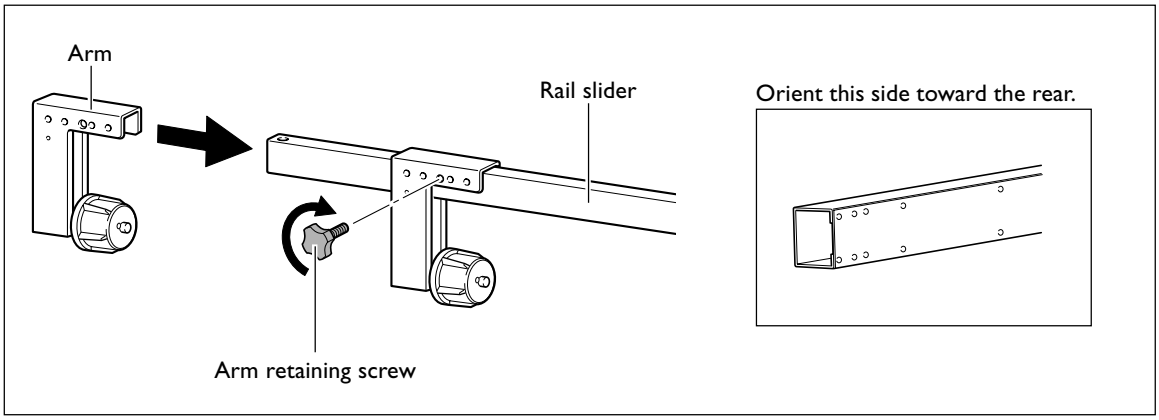
❹ Fully tighten all bolts to secure the stay and stand legs completely.

❺ Lock all casters and remove the accessories box.

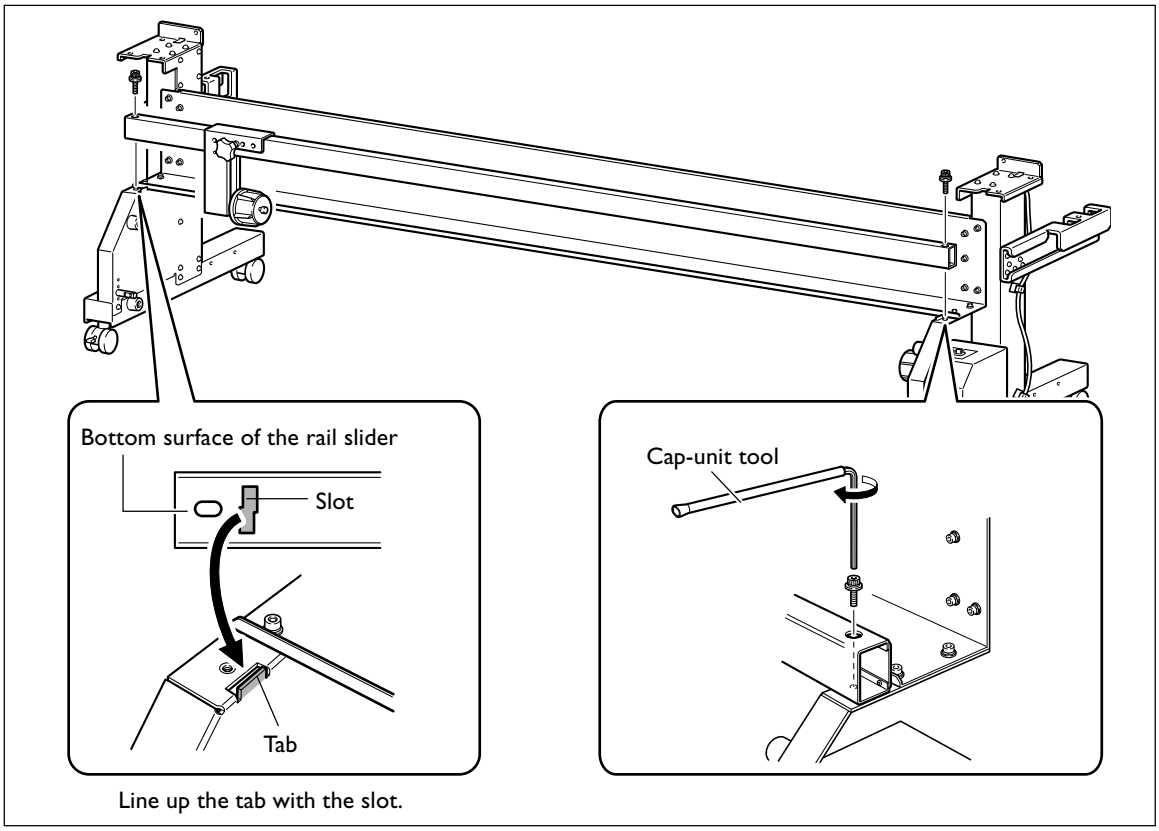


2. Attach the rail slider and the arm.

❶ Attach the arm to the rail slider, securing it secure with the arm retaining screw.

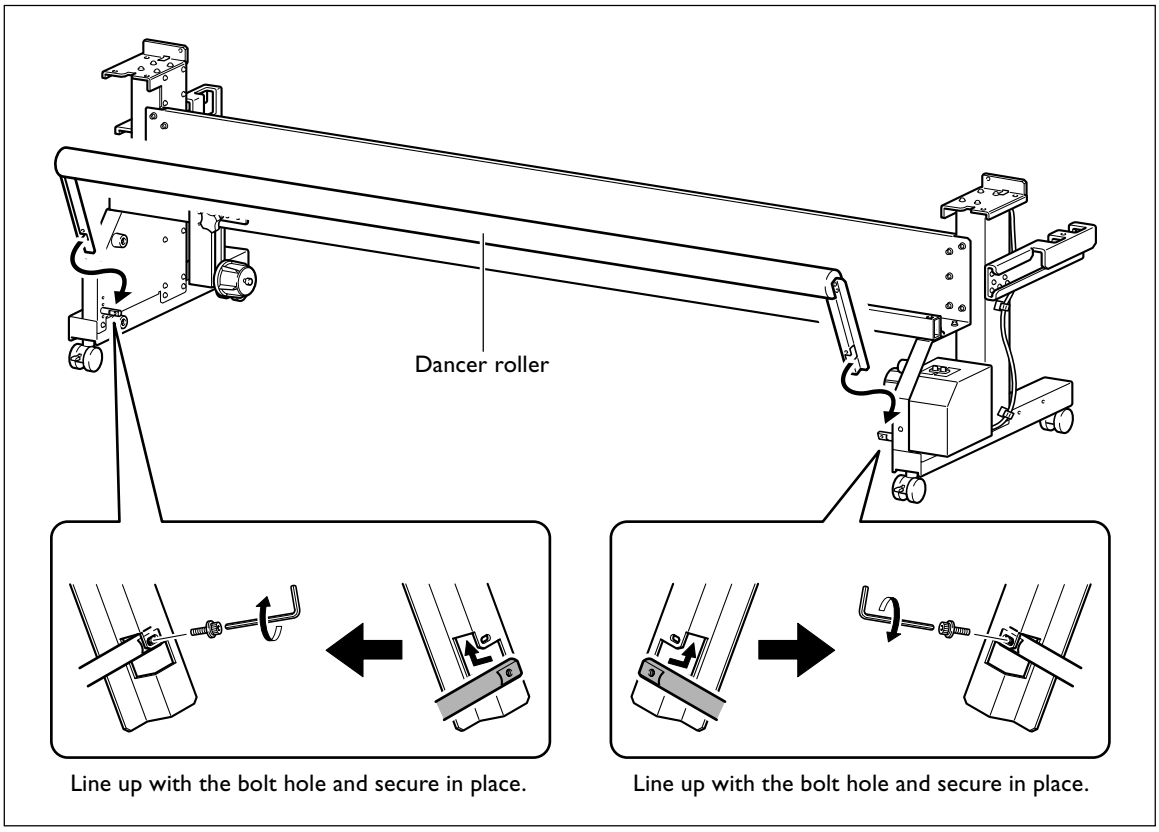


❷ Mount the rail slider on the stand legs and secure it in place with the bolts.
Line up the tab with the slot in the rail slider and, working with the right stand leg first, secure in place.

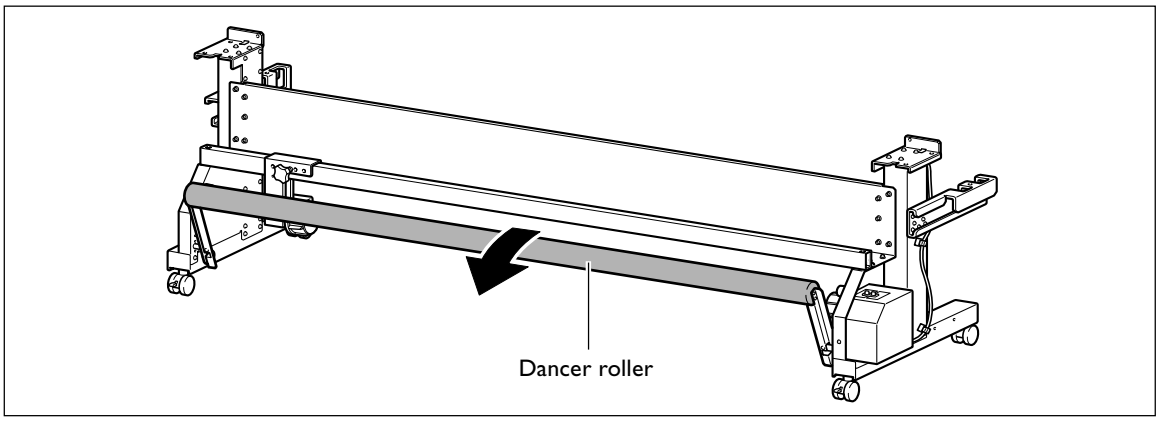


3. Attach the dancer roller and mount the paper tube.

❶ Attach the dancer roller and secure it in place with the bolts.
Working from the right side first, secure in place.

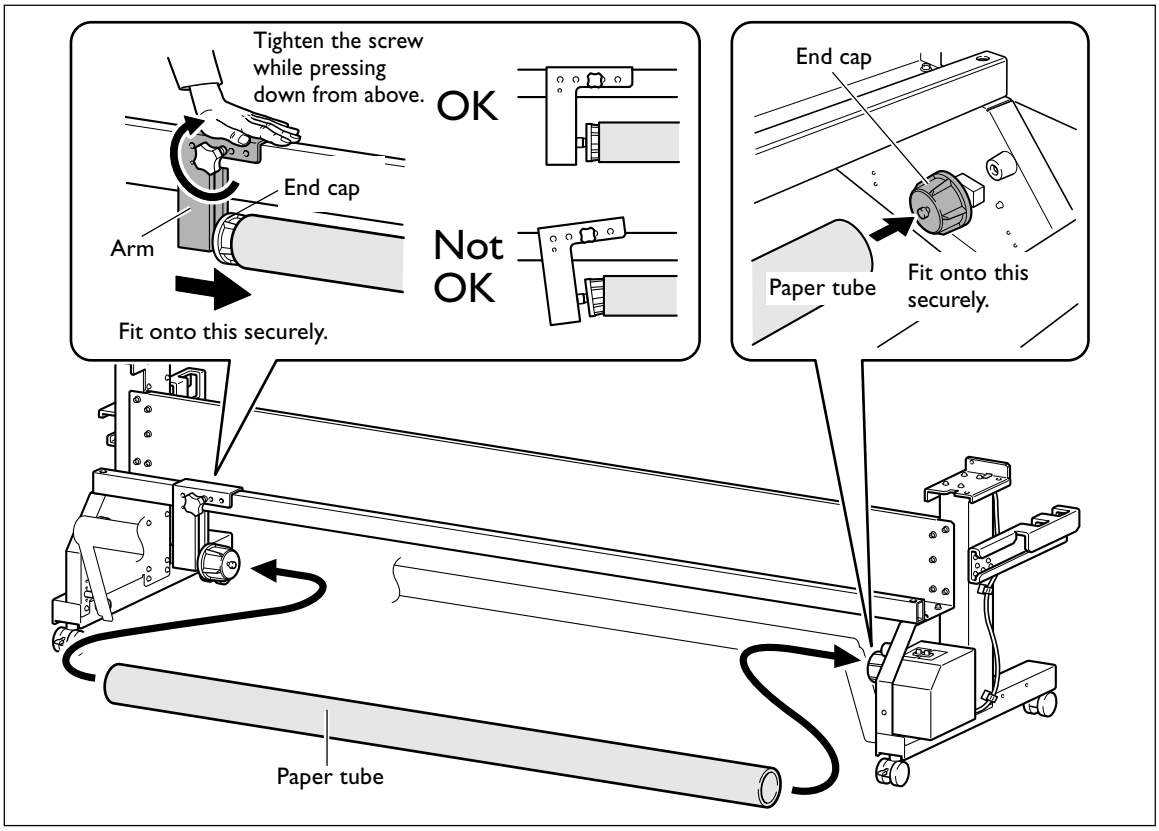


❷ Pull the dancer roller back toward you.



❸ Mount the paper tube and secure the arm in place.

First, fit the paper tube securely onto the end cap on the same side as the right stand leg. Next, press the end cap on the same side as the arm into the paper tube and securely fit the end cap into the paper tube. Finally, secure the arm in place using the arm retaining screw.

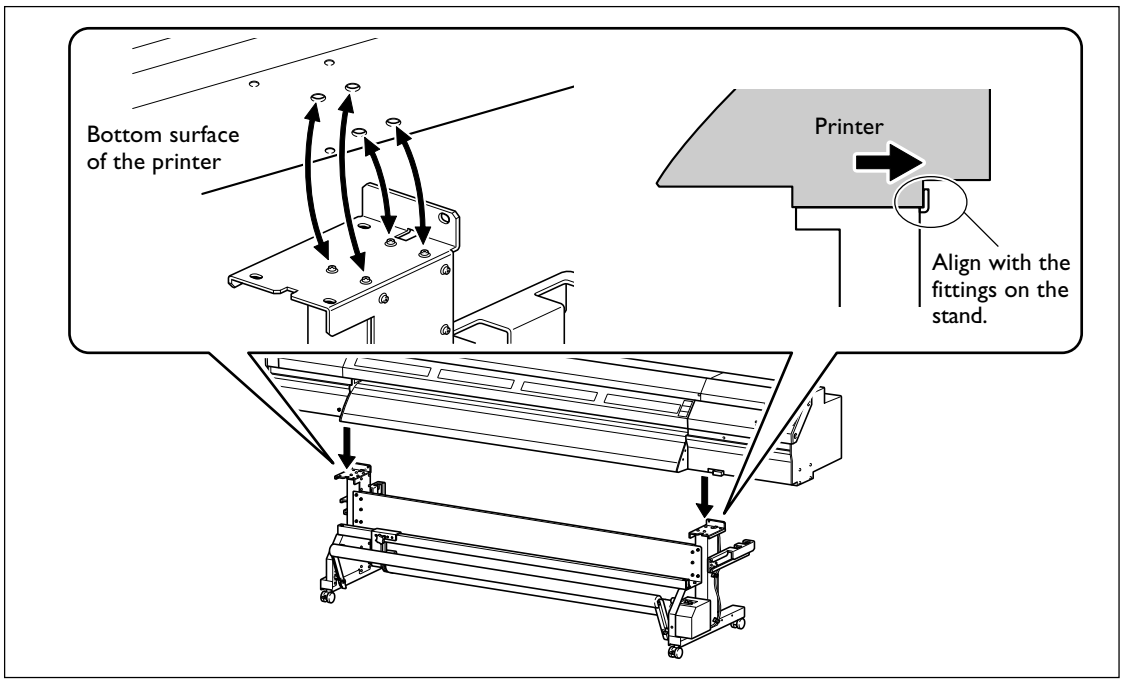


Step 2: Mount the Machine

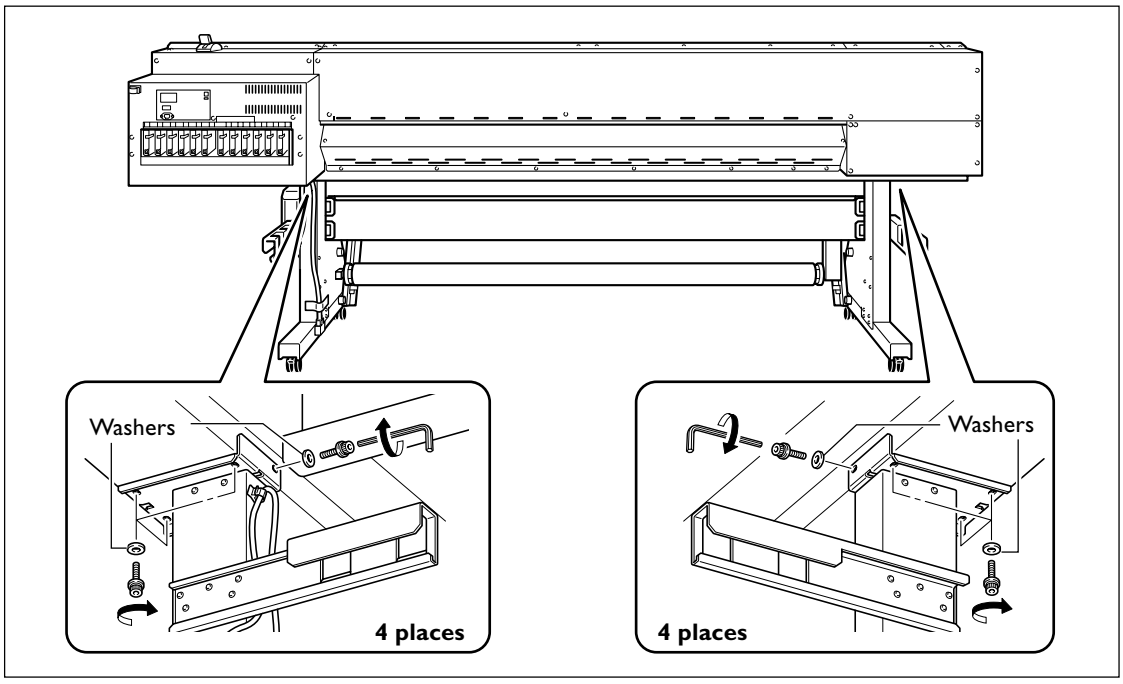
⚠WARNING **This task must be carried out by eight or more persons (by six or more persons for the XJ-540).**
Otherwise the machine or the stand may fall, resulting in injury.

Procedure

❶ Place the machine on the stand.

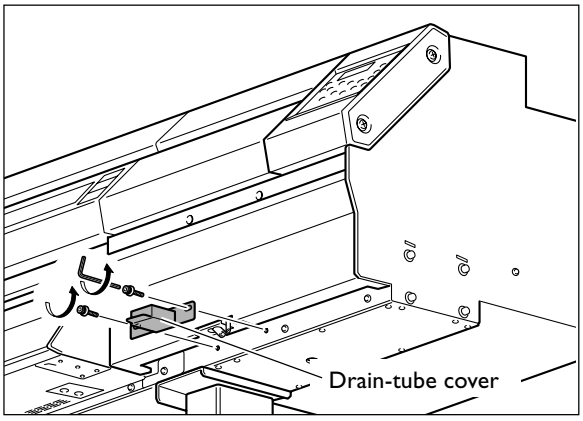


❷ Secure the machine to the stand.

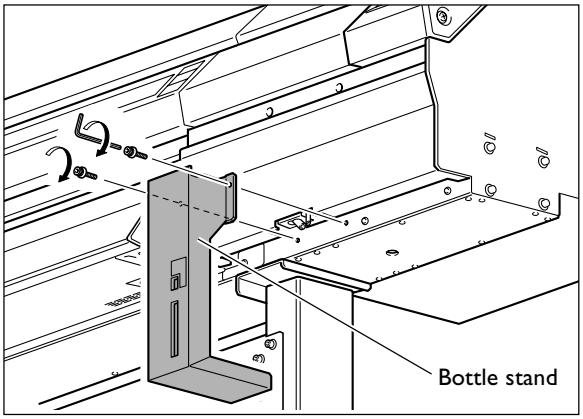


Step 3: Install the Drain Bottle

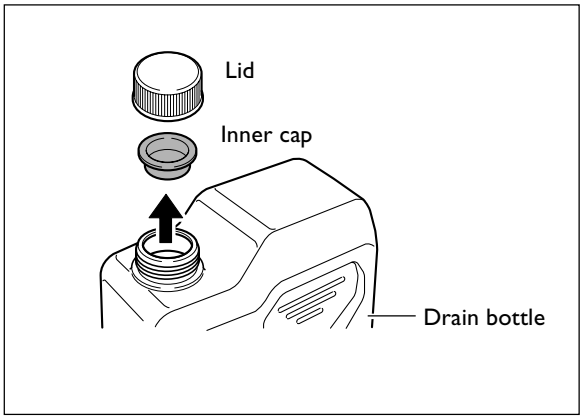
Procedure

❶ 

Remove the drain-tube cover.

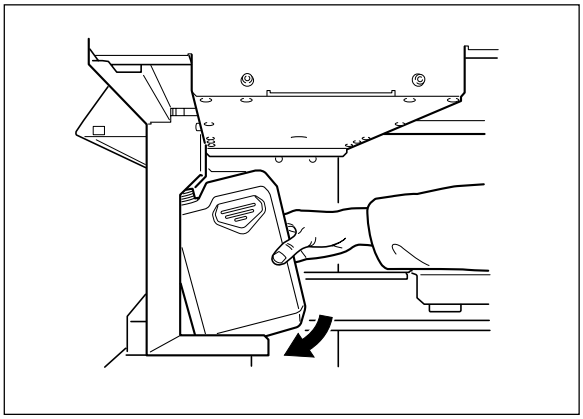
❷ 

Secure the bottle stand in place.
Using the bolts that held the drain-tube cover in place, secure the bottle stand in place.

❸ 

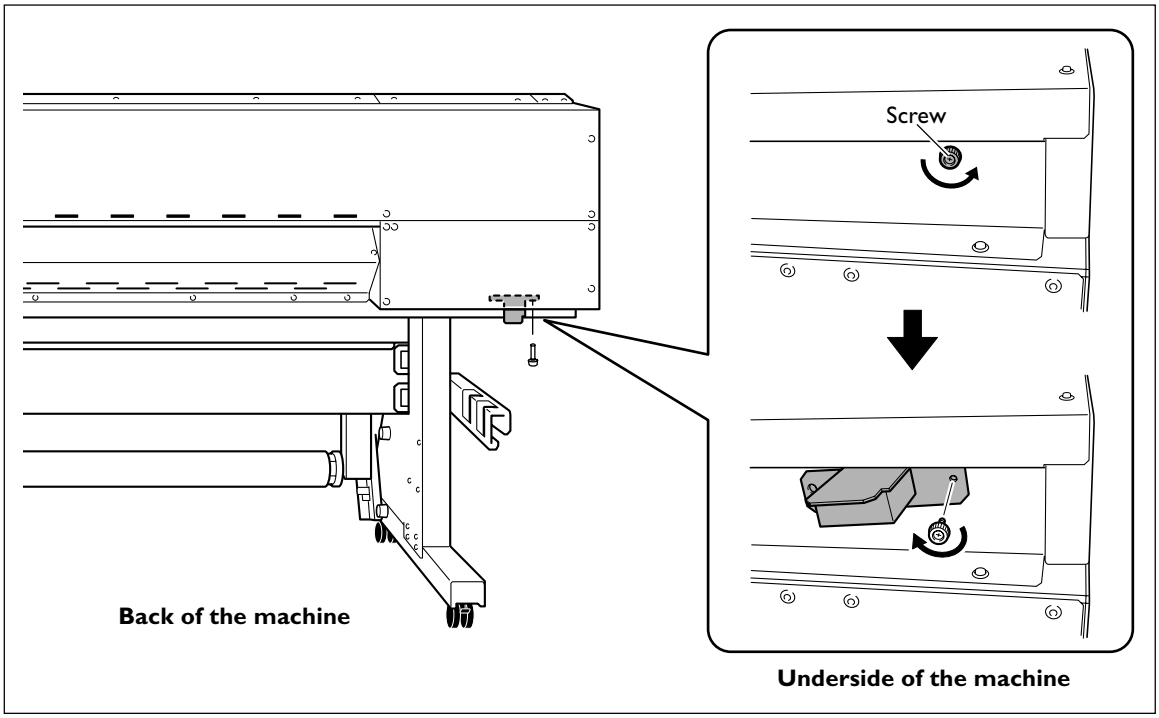
Remove the lid from the drain bottle.
Carefully store the lid and inner cap so that they will not be misplaced.

❹



From the back of the machine, attach the drain bottle.

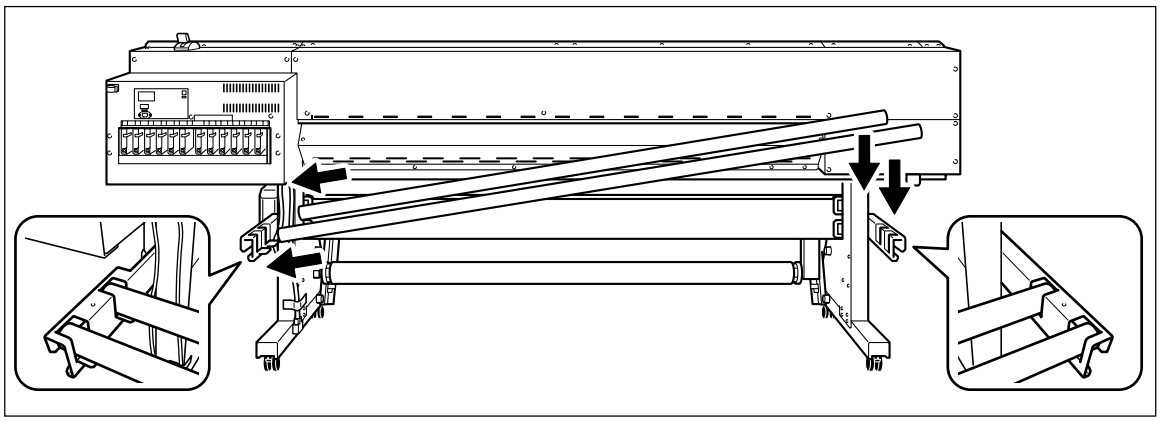
❺ At the location shown in the figure, secure in place the part you removed in step ❶.
Fasten using the screw provided, which is attached to the underside of the machine.



Step 4: Install the Media Holders

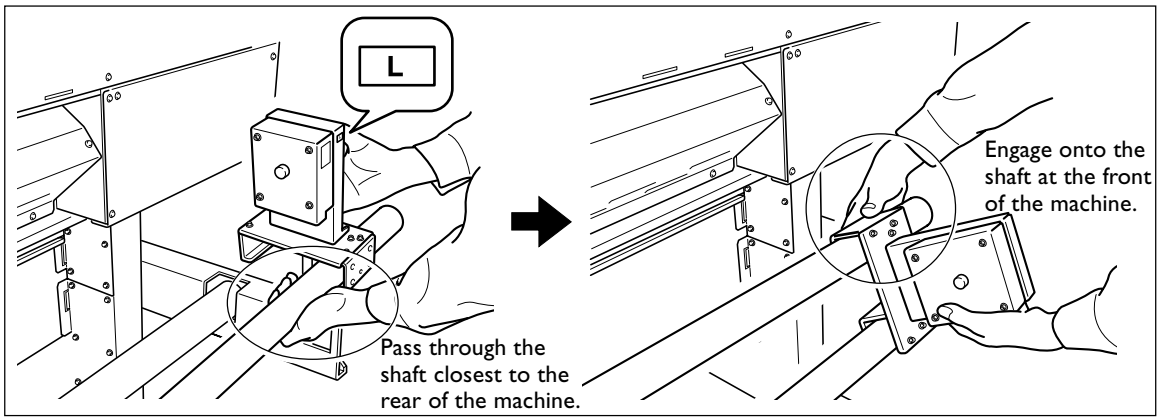
Procedure

❶ Place the shafts on the stand.

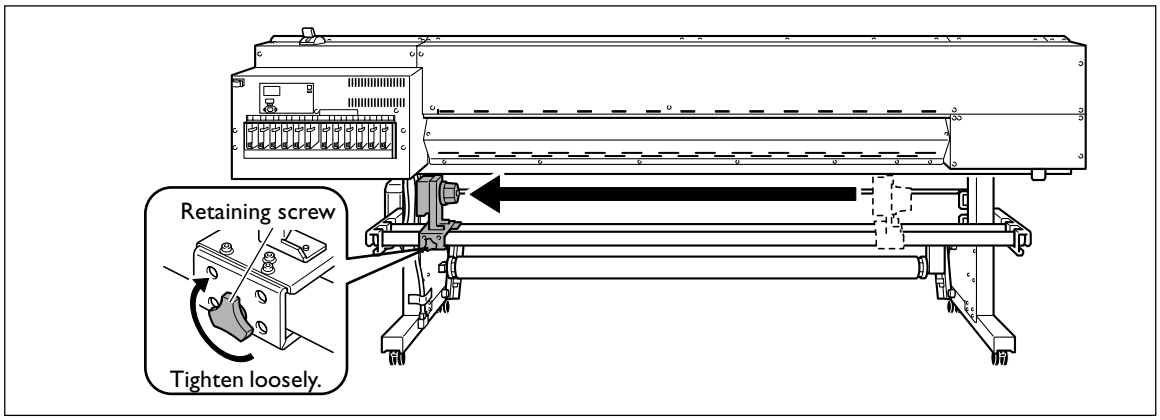


❷ Pass the left media holder onto the shafts.

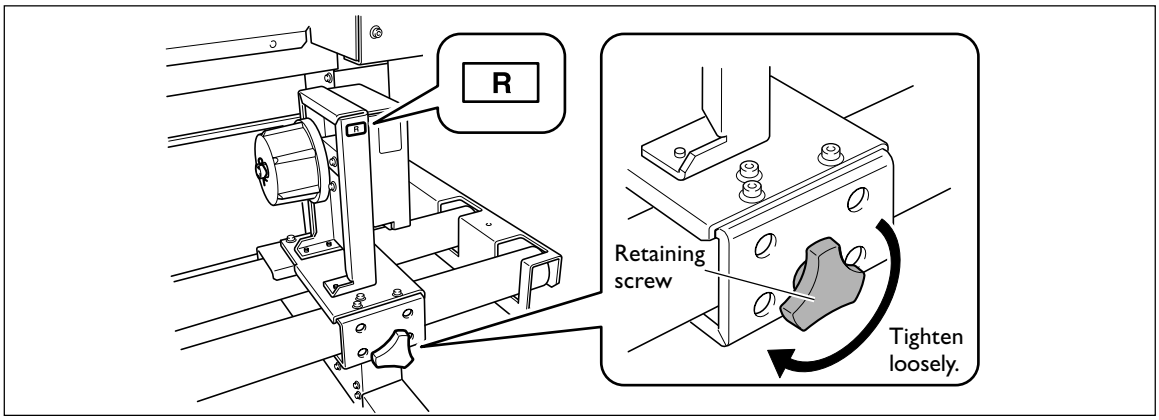
Pass it through from the right edge (as seen from the back of the machine).



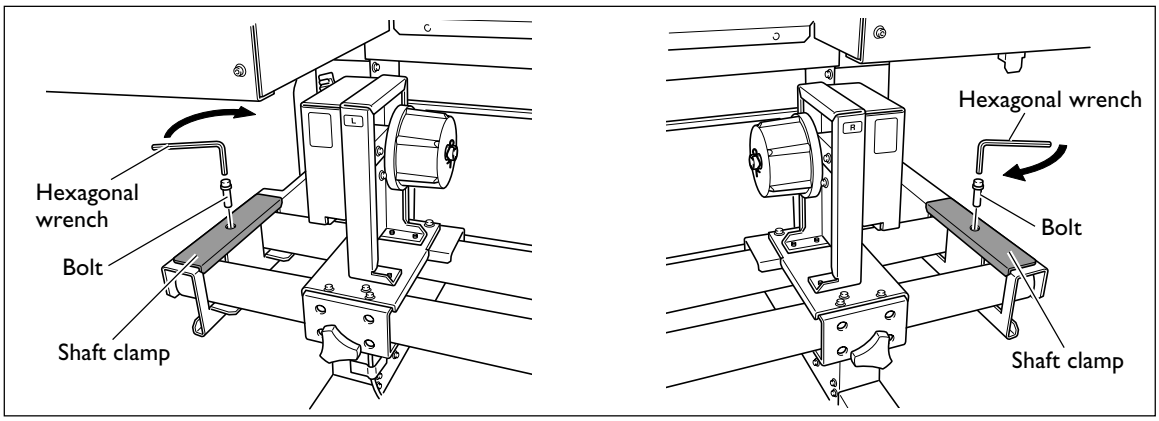
❸ Move the left media holder to the left end of the shafts and attach the retaining screw.



❹ In the same way, pass the right media holder onto the shafts and attach the retaining screw.



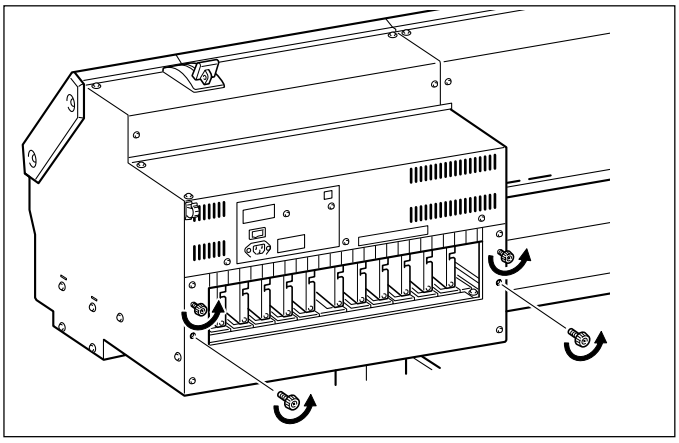
❺ Attach the shaft clamps to secure the shafts in place.



Step 5: Attach the Ink-cartridge Tray

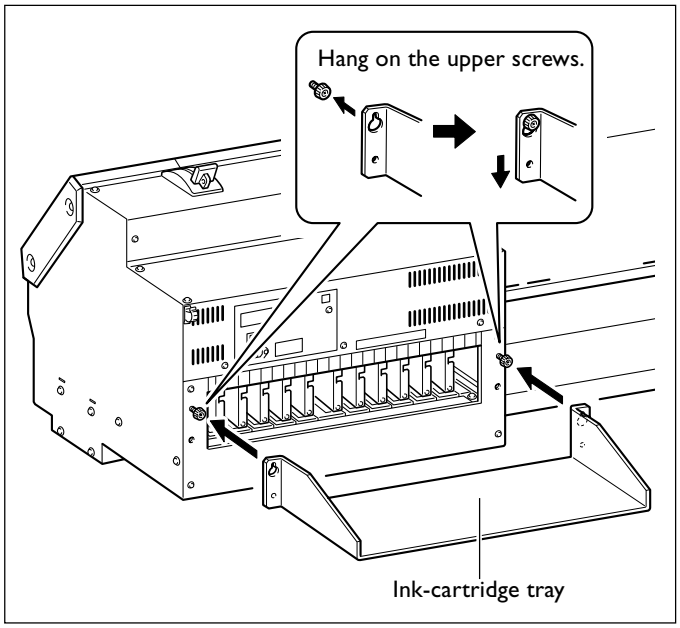
Procedure

❶



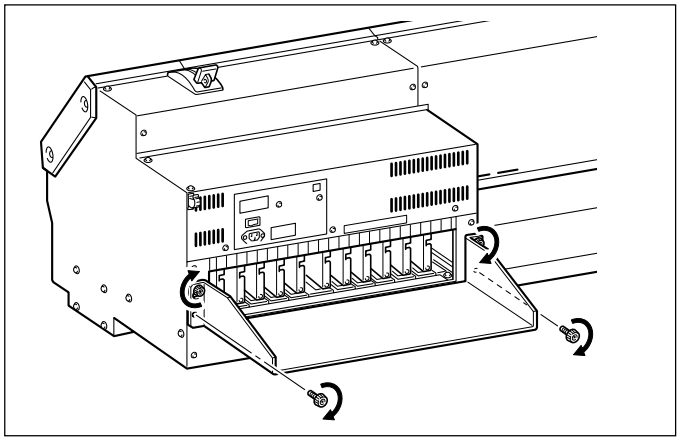
Loosen the upper screws.
Remove the lower screws.

❷



Mount the ink-cartridge tray on the upper screws.

❸

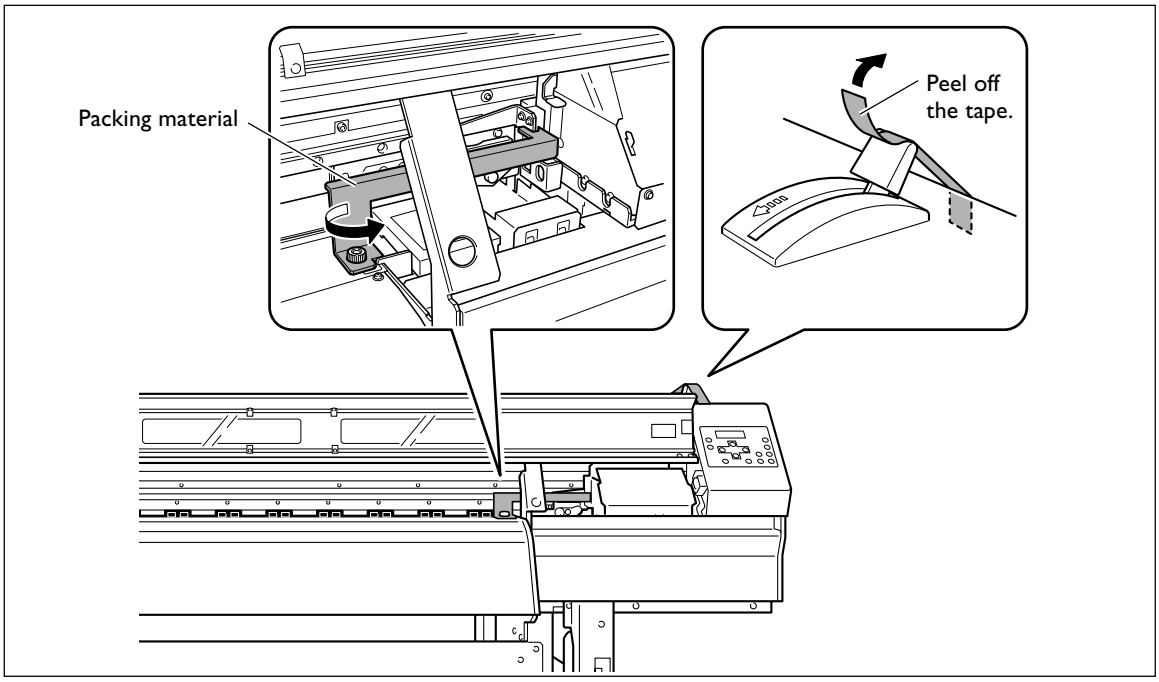


Secure the ink-cartridge tray in place with the four screws (two upper and two lower).

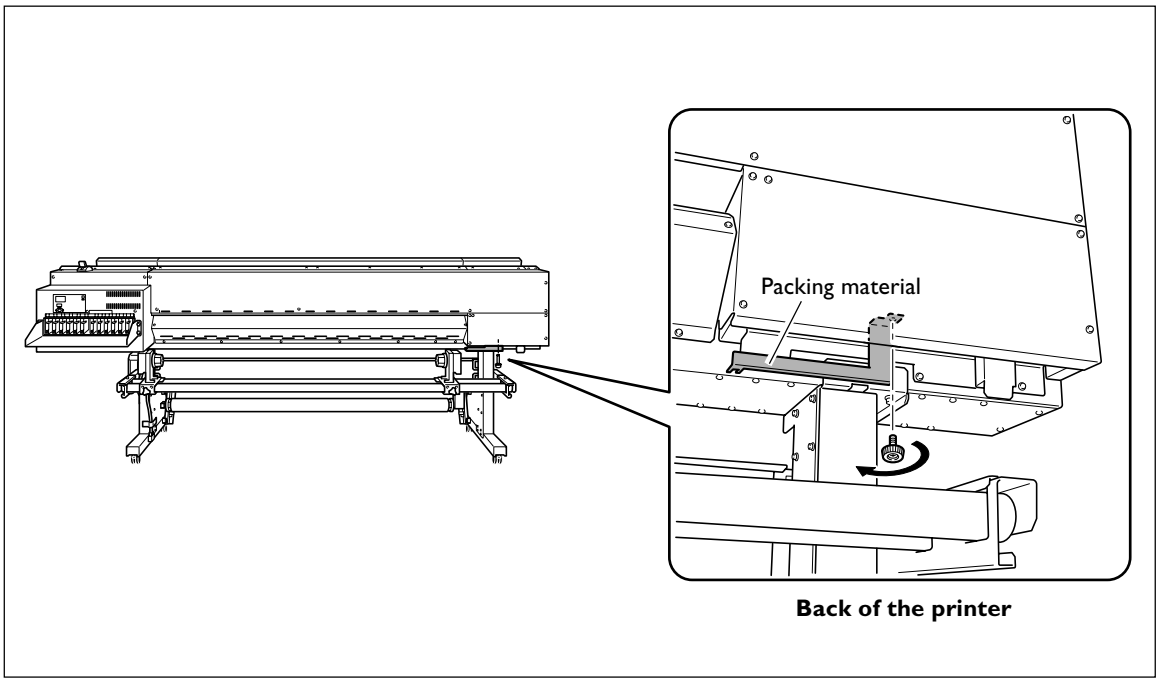
Step 6: Remove the Packing Materials

Packing materials are attached to the machine to protect it from vibration during transportation. When installation is complete, remove them.

➢ Remove all packing materials. Any that remain may cause faulty operation or breakdown when the power is switched on.
➢ Store the packing materials carefully, because they are needed again when transporting the machine for relocation or the like.



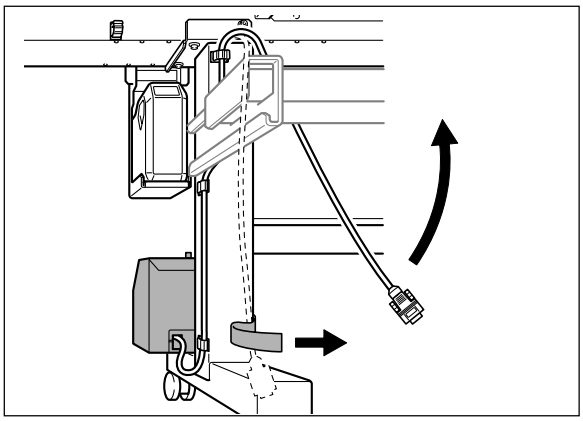
You can attach the removed packing material at the location shown in the figure for storage.



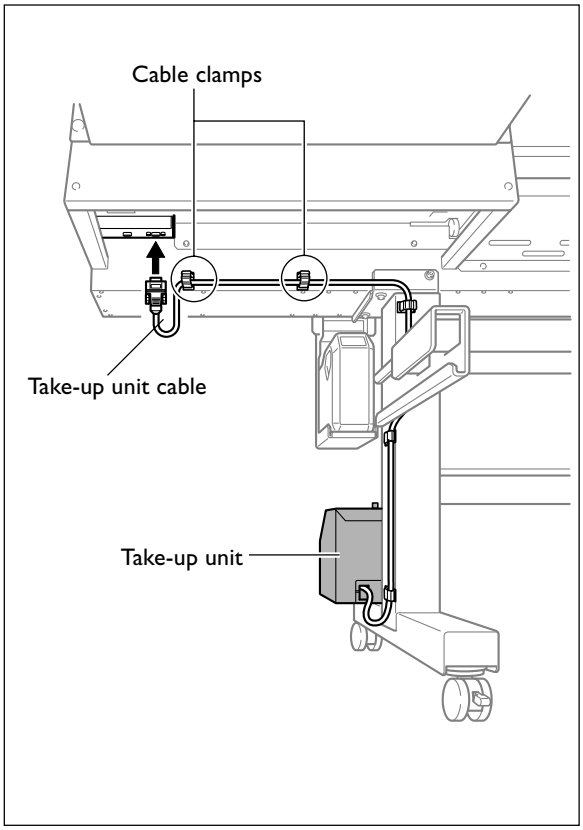
Back of the printer

4. Connect the Cables

Connect the Take-up Unit Cable

❶ 

Peel off the tape.

❷ 

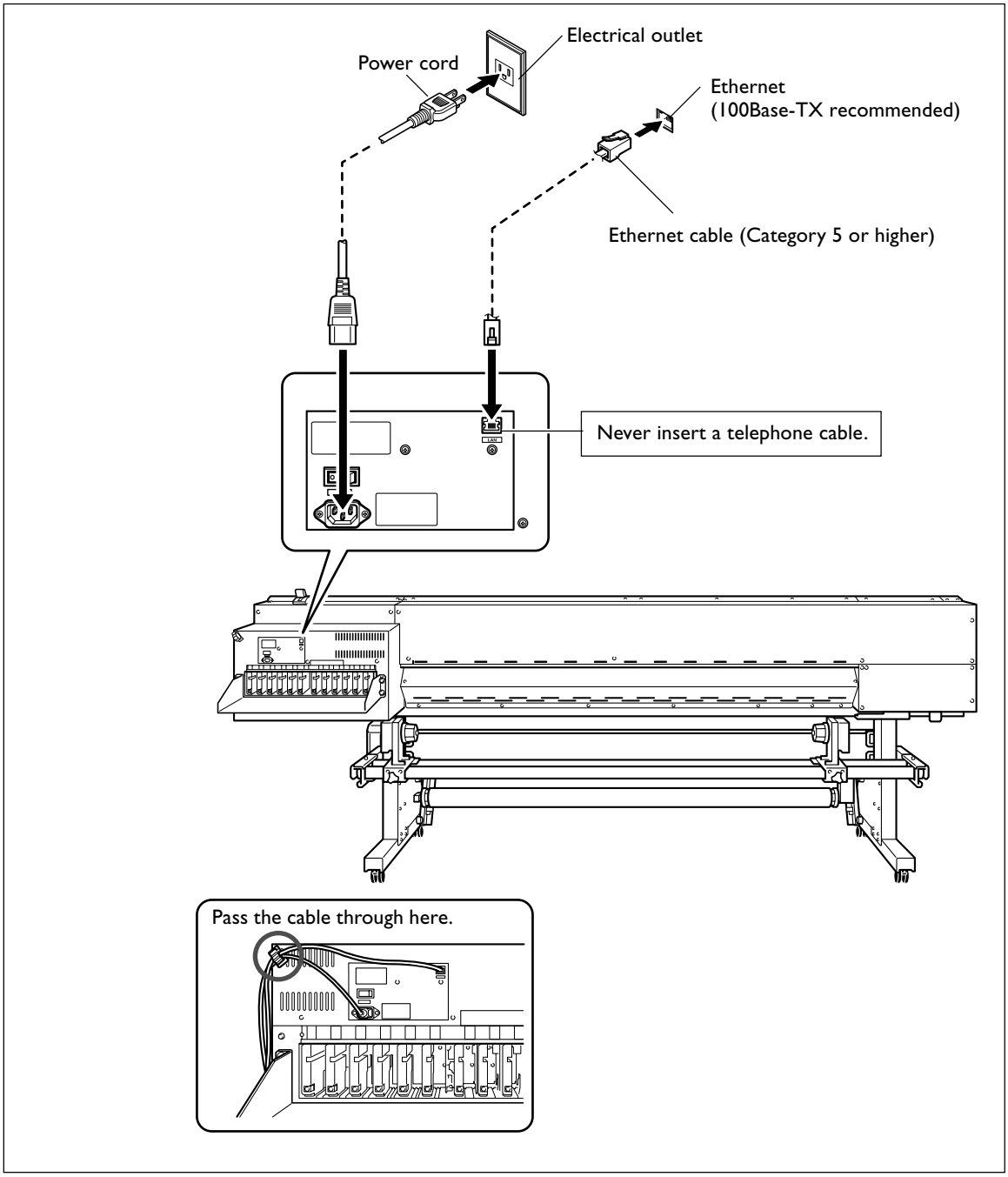
Pass the take-up unit cable through at the locations shown in the figure, and connect it.

Connect the Power Cord and the Network Cable

⚠WARNING **Connect to an electrical outlet that complies with this machine's ratings (for voltage, frequency, and current).**
Incorrect voltage or insufficient current may cause fire or electrical shock.

⚠WARNING **Connect to ground.**
This can prevent fire or electrical shock due to current leakage in the event of malfunction.

⚠WARNING **Perform this task with all power switches left switched off.**
Otherwise sudden movement of the machine may cause injury.



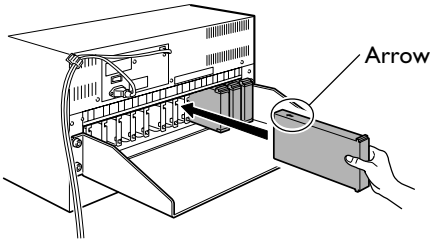
5. Installing the Ink Cartridges

Filling with Ink for the First Time

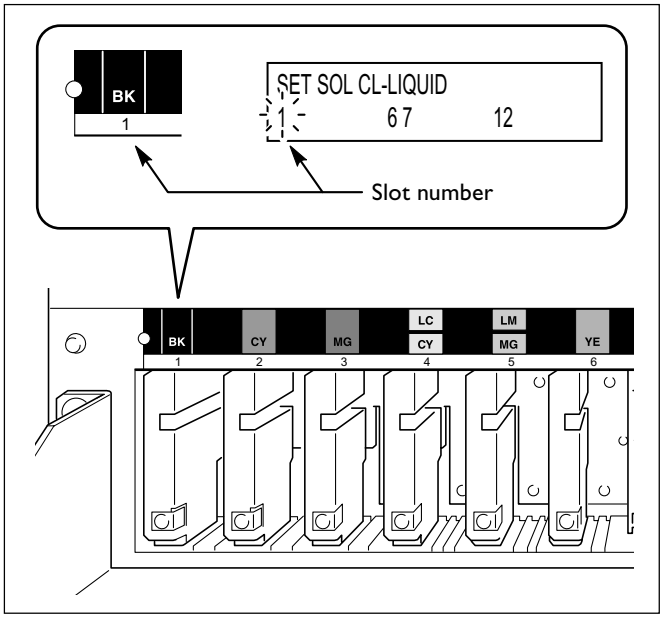
Special procedures are required when installing ink cartridges for the first time. These are required only once, when installing ink cartridges for the first time after shipment from the factory. Firstly, clean the print heads with the cleaning cartridges, and then fill with the inks of each color.
This operation requires four SOL INK cleaning cartridges.
Never under any circumstances use anything other than the specified type of ink or cleaning fluid.

Installing the Ink Cartridges

Be sure to follow the on-screen instructions for insertion and removal.



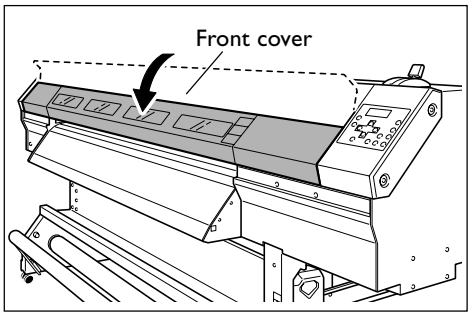
➢ Orient so that the surface with the arrow is facing up.
➢ Insert and remove slowly, one at a time.
➢ Insert firmly, as far as it will go.



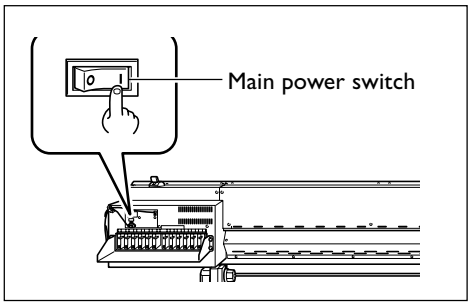
During cleaning, you insert and remove cartridges several times. The on-screen messages indicate which to insert and remove, and when to insert and remove them.
Insert each color ink cartridge into the slot labeled with the matching color. The cleaning cartridges are not differentiated by color.

⚠CAUTION **Never insert your hand or fingers into the opening of the front cover.**
The print heads move at high speed inside the cover. Contact may cause injury.

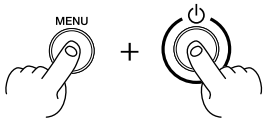
1. Switch on the power and make the initial settings.

❶ 

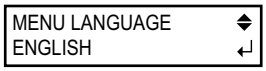
Close the front cover.

❷ 

Switch on the main power switch.

❸ 

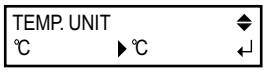
Hold down (MENU) and press the sub power switch.

❹ 

Use (▲) (▼) to select the language you want.
Press (ENTER).

❺

Use (▲) (▼) to select the unit of measurement you want (for length).
Press (ENTER).

❻ 

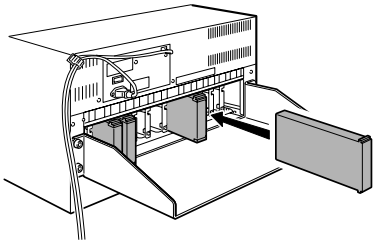
Use (▲) (▼) to select the unit of measurement you want (for temperature).
Press (ENTER).

2. Clean the print heads with the cleaning cartridges.

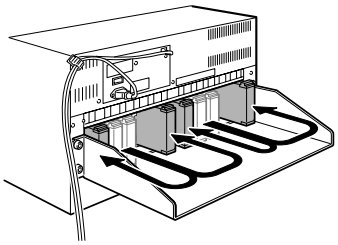
❶
```
SELECT INK TYPE
E-SOL Max LcLm
```
Use ▲ ▼ to select the ink type.
Press ENTER.

❷
```
INSTALL
      DRAIN BOTTLE
```
Make sure the drain bottle is installed.
Press ENTER.

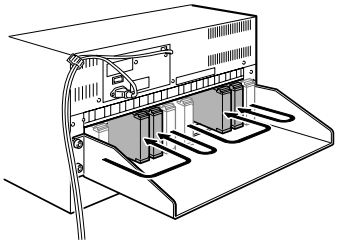
❸
```
SET SOL-CL LIQUID
 2 3        8 9
```
↓
```
FILLING INK...
>>
```
Insert cleaning cartridges into slots 2, 3, 8 and 9.



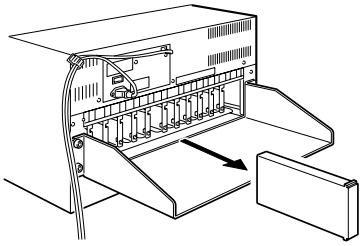
❹
```
REMOVE SOL CL
 2 3        8 9
```
↓
```
SET SOL-CL LIQUID
1       6 7        12
```
↓
```
FILLING INK...
>>>>
```
① Pull out the cleaning cartridges.
② Insert the cleaning cartridges YOU PULLED OUT into slots 1, 6, 7 and 12.



❺
```
REMOVE SOL CL
1       6 7        12
```
↓
```
SET SOL-CL LIQUID
     4 5       10 11
```
↓
```
FILLING INK...
>>>>>>
```
① Pull out the cleaning cartridges.
② Insert the cleaning cartridges YOU PULLED OUT into slots 4, 5, 10 and 11.

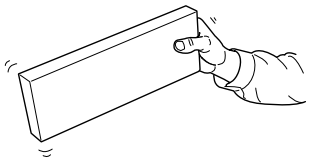


❻
```
REMOVE SOL CL.
     4 5       10 11
```
↓
```
FILLING INK...
>>>>>>>>
```
Pull out the cleaning cartridges.



❼
```
CHECK
      DRAIN BOTTLE
```
When this screen appears, cleaning is finished.
Make sure the drain bottle is installed, and press ENTER.

3. Insert the ink cartridges for the respective colors.

❶ 

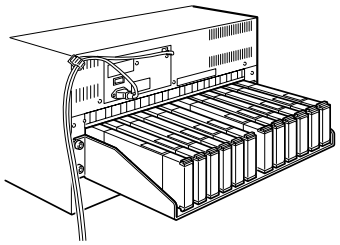
Before you insert the ink cartridge for each color, gently shake the cartridge.

❷

SET SOL CRT.
1 2 3 4 5 6 7 8 9 10 11 12

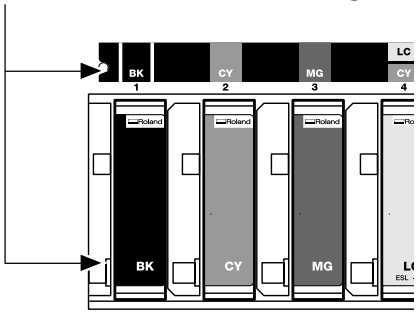
↓

FILLING INK...
>>>>>>>>>>



Insert the ink cartridge for each color.

Insert into the slot of the matching color.



❸

CHECK
DRAIN BOTTLE ↵

Make sure the drain bottle is installed.
Press ENTER.

❹

SETUP SHEET
◀▶ROLL

When this screen appears, filling with ink is finished.

6. Network Settings

Introduction

This machine has a built-in print server as a network interface. When you use the print server, you can send printing data to the machine from anywhere on the network. TCP/IP is used as the protocol. Make sure the machine is connected to the network by an Ethernet cable.

The network settings on the machine must be made manually, using the operation panel. For information about how to make the settings, refer to "Step 2: Make the Network Settings on the Printer" later in this chapter.

Also, to perform printing from the machine, the software raster image processor (RIP) packed with the machine must be installed and set up on the computer you're using. For information about installation and setup, refer to the documentation for the software RIP.

Important

The examples used in the procedures for making the settings described in this section assume you are using one computer and one machine. The procedures and setting values described here may not be suitable for all operating environments.
If the computer you're using is connected to a number of networked devices or to the Internet, incorrect settings may adversely affect the entire network. For detailed information about the settings, consult your network administrator.
Also, the addresses used in this section are merely example settings.

Step 1: Make the Network Settings for the Computer

The screen images used for explanation here are for Windows Vista.

Procedure

❶ Log on to Windows as a member of the "Administrators" group.

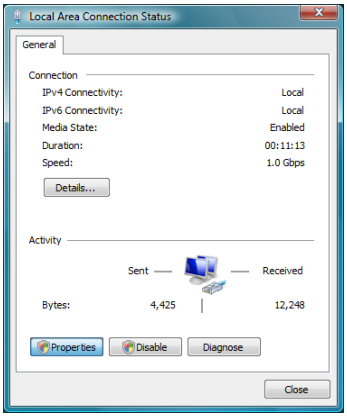
❷ Display the [Local Area Connection Status] dialog box.

For Windows Vista:
From the [Start] menu, click [Control Panel].
Click [Network and Internet], then click [Network and Sharing Center].
Click [View status].

For Windows XP:
From the [Start] menu, click [Control Panel].
Click [Network and Internet Connections], then click [Network Connections].
Double-click the [Local Area Connections] icon.

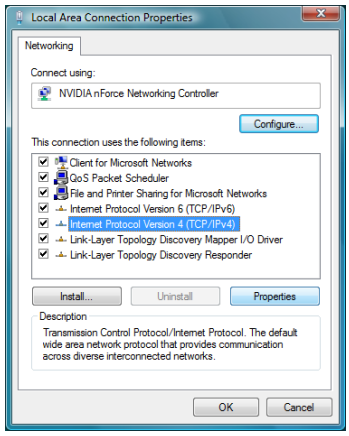
For Windows 2000:
From the [Start] menu, click [Settings], then click [Network and Dial-up Connections].
Double-click the [Local Area Connections] icon.

❸



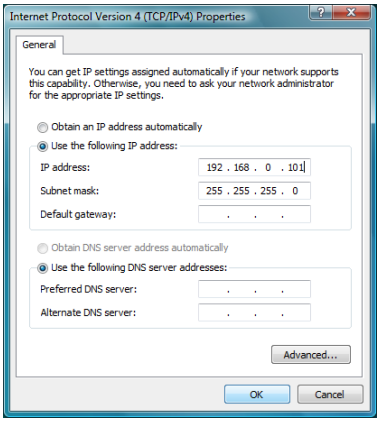
Click [Properties].
If you're using Windows Vista and the [User Account Control] dialog box appears, click [Allow].
The [Local Area Connection Properties] dialog box appears.

❹



Select [Internet Protocol Version 4 (TCP/IPv4)] (Windows Vista) or [Internet Protocol (TCP/IP) (Windows XP/2000), then click [Properties].
If the check box for [Internet Protocol] is unselected, then click the check box to select it.

❺


Internet Protocol Version 4 (TCP/IPv4) Properties
General
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.
Obtain an IP address automatically
Use the following IP address:
IP address: 192 . 168 . 0 . 101
Subnet mask: 255 . 255 . 255 . 0
Default gateway:
Obtain DNS server address automatically
Use the following DNS server addresses:
Preferred DNS server:
Alternate DNS server:
Advanced...
OK
Cancel

Select [Use the following IP address]. Enter the information as shown below, then click [OK].
[IP Address]: 192.168.0.XXX
[Subnet Mask]: 255.255.255.0
"XXX" may be any number you want from 1 to 254. However, be sure to specify a number that does not duplicate a number used for another computer or device. Here, by way of example, "192.168.0.101" is entered for the IP address and "255.255.255.0" for the subnet mask.

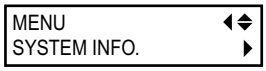
❻ In the [Local Area Connection Properties] dialog box, click [OK], then in the [Local Area Connection Status] dialog box, click [Close].

Step 2: Make the Network Settings on the Printer

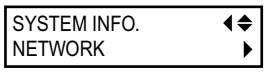
Important

The addresses used in this section are merely example settings. For detailed information about the settings, consult your network administrator.

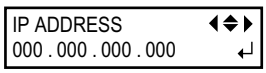
1. Set the IP address.

❶ 

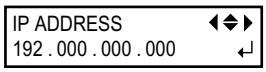
Press (MENU).
Press (▼) several times.

❷ 

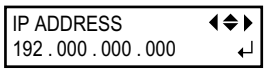
Press (►).
Press (▲).

❸ 

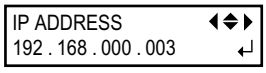
Press (►) three times.
[IP ADDRESS] : 192.168.000.XXX
Note: Here, "XXX" may be any number you want from 2 to 254. However, be sure to specify a number that does not duplicate the setting you made in Step 1. Here, "192.168.0.003" is entered by way of example. Make the portion that corresponds to "192.168.0" the same as the setting on the computer.

❹ 

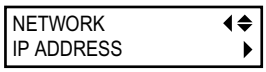
Use (▲) (▼) to select the address number.

❺ 

Press (►).

❻ 

Repeat ❹ and ❺ to set all the address numbers.
When you've finished making the setting, press (ENTER).

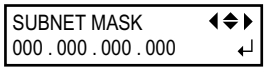
❼ 

Press (◄).
The screen shown in the figure appears.

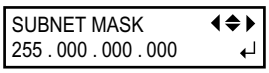
2. Set the subnet mask.

❶

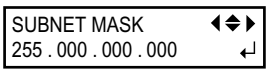
Press (▼).

❷ 

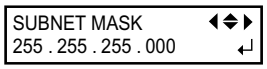
Press (►) twice.

❸ 

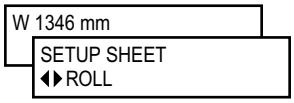
Use (▲) (▼) to select the address number.
[Subnet mask] : 255.255.255.000
Note: For the subnet mask, make the setting the same value as the one used by the computer. Here, "255.255.255.0" is entered by way of example.

❹ 

Press (►).

❺ 

Repeat ❸ and ❹ to set the subnet mask.
When you've finished making the setting, press ENTER.

❻ 

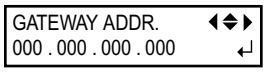
Press MENU.
Press ◄ to go back to the original screen.

If you're using one computer and one machine, this completes the settings to make on the printer. Go on to Step 3. If setting the gateway address is required, then go on to the procedure following this one.

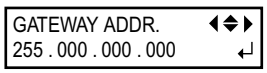
3. Set the gateway address.

❶

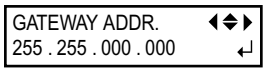
From the screen *1.*-❼, press ▼ twice.

❷ 

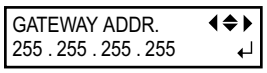
Press ► twice.

❸ 

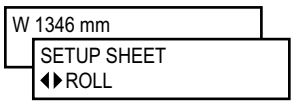
Use ▲ ▼ to select the address number.
[GATEWAY ADDR.] : 255.255.255.255
Note: For information about the value to enter for the gateway address, consult your network administrator. Here, "255.255.255.255" is entered by way of example.

❹ 

Press ►.

❺ 

Repeat ❸ and ❹ to set the gateway address numbers.
When you've finished making the setting, press ENTER.

❻ 

Press MENU.
Press ◄ to go back to the original screen.

Step 3: Make the Port Settings for the Software RIP

Make the settings for the software RIP. For the output destination, use the setting for the IP address made on the printer. For information about how to make the settings, refer to the documentation for the software RIP.

You can check whether the connection to the network has been made by using the printing-test feature in the software RIP you're using. For information about how to carry out a printing test, refer to the documentation for the software RIP.

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